HISTORY

Model Name : KDS-50A2000/50A2010/55A2000/60A2000/60A2010
SERVICE MANUAL
Part No. : 9-872-789-06

When clicking an item, it's detail is displayed.

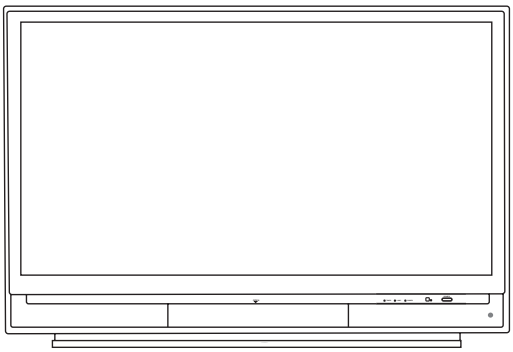
Date	SUPP./CORR.	Description of SUP/COR	Change of main text
2006.6	–	NEW	
2006.7	SUPP.-1	Addition of KDS-50A2010 and 60A2010	Yes
2006.8	SUPP.-2	Change of A1 and B1 board.	Yes
2006.9	CORR.-1	Correction of SELF DIAGNOSIS FUNCTION on page 11 and ELECTRICAL ADJUSTMENT on page 25. Addition to MISCELLANEOUS on page 145.	Yes
2007.1	SUPP.-3	Addition of information on Special Component notice.	Yes
2007.5	SUPP.-4	Addition of CONNECTOR ASSY 2P for EXPLODED VIEWS and ELECTRICAL PARTS LIST.	Yes

Self Diagnosis Supported model

SERVICE MANUAL SP-3 CHASSIS

MODEL	COMMANDER	DEST.	CHASSIS NO.
KDS-50A2000	RM-YD010	USA	
KDS-50A2000	RM-YD010	CANADA	
KDS-50A2010	RM-YD010	MEXICO	
KDS-55A2000	RM-YD010	USA	
KDS-55A2000	RM-YD010	CANADA	

MODEL	COMMANDER	DEST.	CHASSIS NO.
KDS-60A2000	RM-YD010	USA	
KDS-60A2000	RM-YD010	CANADA	
KDS-60A2010	RM-YD010	MEXICO	



KDS-50A2000/50A2010/55A2000/60A2000/60A2010

RM-YD010

SXRD PROJECTION TV

SONY®

Specifications

Television system:

NTSC	American TV Standard
ATSC (8VSB terrestrial)	ATSC compliant 8VSB
QAM on cable	ANSI/SCTE 07 2000 (Does not include CableCARD functionality)

Channel coverage:

Terrestrial (analog)	2-69
Cable TV (analog)	1-125
Terrestrial (digital)	2-69
Cable TV (digital)	1-135

Antenna:
75-ohm external terminal for VHF/UHF

Screen size (measured diagonally):
KDS-50A2000/KDS-50A2010: 50 inches
KDS-55A2000: 55 inches
KDS-60A2000/KDS-60A2010: 60 inches

Projection system
3 SXRD panel, 1 lens projection system

SXRD panel
0.61 inch SXRD panel 6,220,800 pixels (2,073,600 × 3)

Projection lens
High performance, large diameter hybrid lens F2.5

Lamp
Ultra High Pressure Lamp , 120W, XL-5200

VIDEO IN 1/2/3:
YPBPR (Component Video) (VIDEO 2 only):
Y: 1.0 Vp-p, 75 ohms unbalanced, sync negative
PB: 0.7 Vp-p, 75 ohms
PR: 0.7 Vp-p, 75 ohms
Signal format: 480i, 480p, 720p, 1080i
S VIDEO (4-pin mini DIN) (VIDEO 1 only):
Y: 1.0 Vp-p, 75 ohms unbalanced, sync negative
C: 0.286 Vp-p (Burst signal), 75 ohms
VIDEO: 1 Vp-p, 75 ohms unbalanced, sync negative
AUDIO: 500 mVrms (100% modulation)
Impedance: 47 kilohms

HD/DVD IN 4/5:
YPBPR (Component Video) :
Y: 1.0 Vp-p, 75 ohms unbalanced, sync negative
PB: 0.7 Vp-p, 75 ohms
PR: 0.7 Vp-p, 75 ohms
Signal format: 480i, 480p, 720p, 1080i
AUDIO: 500 mVrms (100% modulation)
Impedance: 47 kilohms

HDMI IN 6/7:
HDMI: Video: 480i, 480p, 720p, 1080i, 1080p
Audio: Two channel linear PCM 32, 44.1 and 48 kHz, 16, 20 and 24 bits
AUDIO (for HDMI IN 7):
500 mVrms (100% modulation)
Impedance: 47 kilohms

AUDIO OUT:
500 mVrms (100% modulation)
More than 1 Vrms at the maximum volume setting (Variable)
500 mVrms (Fixed)

DIGITAL OUT(OPTIVAL):
Optical Digital Audio Output (PCM/Dolby digital)

PC IN 8:
D-sub 15-pin, analog RGB, 0.7 Vp-p, 75 ohms, positive
See the PC Input Signal Reference Chart on page 61

PC AUDIO INPUT:
Stereo mini jack, 0.5 Vrms, 47 kilohm

Speaker:
Full range: 70 × 130 mm ($2\,^{7}/_{8} \times 5\,^{1}/_{8}$ inches) (2)

Speaker output:
12 W + 12 W

Power requirement:
120 V AC, 60 Hz

Power consumption:
In use: 210W
In standby: Less than 0.5W

Dimensions (W/H/D):
KDS-50A2000/KDS-50A2010: 1180 × 839 × 447 mm ($46\,^{1}/_{2} \times 33\,^{1}/_{8} \times 17\,^{5}/_{8}$ inches)
KDS-55A2000: 1292 × 913 × 480 mm ($50\,^{7}/_{8} \times 36 \times 19$ inches)
KDS-60A2000/KDS-60A2010: 1413 × 988× 514 mm ($55\,^{3}/_{4} \times 39 \times 20\,^{1}/_{4}$ inches)

Mass:
KDS-50A2000/KDS-50A2010: 34 kg (75 lb.)
KDS-55A2000: 38 kg (83 lb. 13 oz.)
KDS-60A2000/KDS-60A2010: 43 kg (94 lb. 13 oz.)

Supplied accessories:
Remote control RM-YD010 (1)
Size AA batteries (2)
Operating Instructions (1)
Quick Setup Guide (1)
Warranty Card (1) (A2000)
Product Registration Card (1) (A2000)

Optional accessories:
TV Stand: SU-RS11M(KDS-50A2000/KDS-50A2010)
SU-RS11X
(KDS-55A2000/KDS-60A2000/KDS-60A2010)
Lamp: XL-5200

Design and specifications are subject to change without notice.

Replacing the Lamp

The projection lamp, like all lamps, will eventually lose brightness and functionality, which affects the overall performance of your TV. How long the lamp maintains its brightness will vary depending upon your usage and environmental conditions. To maintain the quality of your viewing experience, Sony recommends that you replace the lamp (1) after approximately 8,000 hours of use; (2) when the screen becomes dark or the color looks unusual; (3) when the LAMP LED on the front of the TV blinks; or (4) when the lamp replacement message appears on the TV screen.

⚠ WARNING

Electric appliances can cause fire or high temperature, resulting in injury or death. Be sure to follow the instructions below.

- Use a Sony XL-5200 replacement lamp (not supplied) for replacement. Use of any other lamp may damage the TV.
- Do not remove the lamp for any purpose other than replacement. Doing so may cause injury or fire.
- Do not put flammable materials and metal objects inside the lamp receptacle of the TV after removing the lamp. Doing so may cause fire or electrical shock. Do not touch the lamp receptacle once the lamp has been removed.
- When the lamp eventually burns out, you may hear a noticeable pop sound. This is normal and it is inherent to this type of lamp.
- In rare instances, the bulb may pop inside the lamp unit, but the lamp unit is designed to contain all of the broken glass pieces inside the lamp unit.
- This TV's lamp contains mercury and should be disposed of properly. Consult your local authorities regarding safe disposal. The material contained in this lamp are similar to those of a fluorescent lamp, so you should dispose of it in the same way.

How to Replace the Lamp

1 Turn off the power on the main unit. Wait several minutes, then unplug the power cord.
(The cooling fan will continue to operate for about two minutes after turning the power off.)

2 Wait at least 30 minutes after unplugging the power cord to allow the lamp to cool down before replacing it. To avoid being burned, do not touch the lamp receptacle once the lamp has been removed.

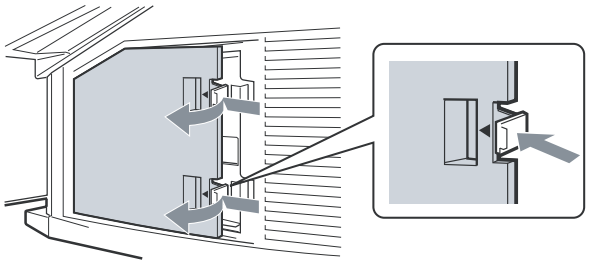
(Continued)

3 Take the new lamp out of the box.
Do not touch the glass portion of the new lamp.

- Do not shake the lamp. Vibration can damage the lamp or shorten its life.
- Avoid touching the front glass of a new lamp or the glass of the lamp receptacle. This may reduce picture quality or lamp life.

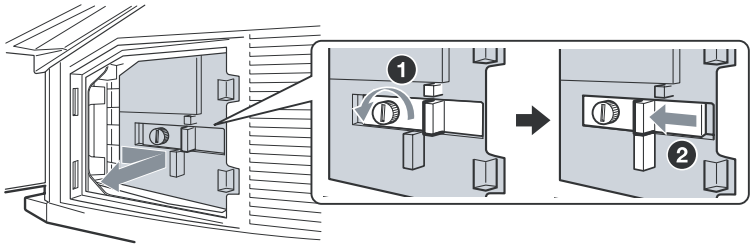
4 Remove the outside lamp cover.

Release the two clamps as shown in the illustration below.



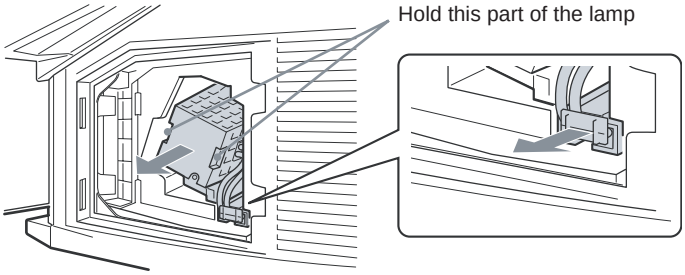
5 Remove the lamp door.

Turn the screw counterclockwise and slide the lever to the left. Remove the door.



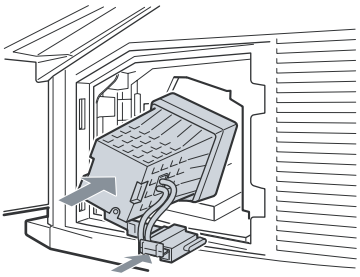
6 Pull out the lamp.

Hold the indented grooves on the top corners of the lamp, as shown in the illustration, and pull the lamp straight out. If the lamp is hard to remove, pull the right side of the lamp for additional traction.

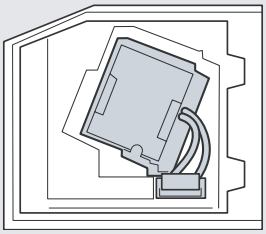


- Do not touch the inside of the lamp compartment.
- The lamp is very hot immediately after use. Never touch the glass portion of the lamp or the surrounding parts.
- After the used lamp has cooled, place it into the empty box of the replacement lamp. Never put the used lamp into a plastic bag.

7 Put the new lamp into its place.
Insert the new lamp by pressing the two parts firmly into place as shown in the illustration. Make sure the lamp is securely mounted into the compartment. Failure to do so may cause a fire or the screen to go dark.



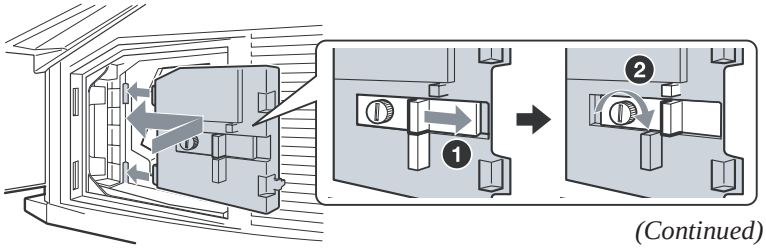
- The lamp compartment is tilted, as shown in the following illustration.



- If the lamp is not securely reattached, the self-diagnostic function may be triggered and the POWER LED blinks three times.

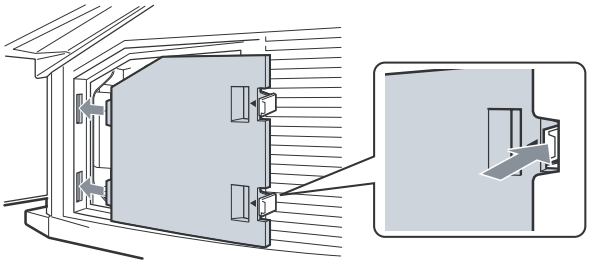
8 Reattach the lamp door.

Replace the door by inserting the two tabs in the slot from the left side. Slide the lever to the right and then turn the screw clockwise to secure the door.



(Continued)

9 Put the outside lamp cover back in its place.
Replace the cover, inserting it from the left side. Press the two tabs on the right side to secure the cover.



10 Turn on the TV and set the Lamp Replacement option in the Setup settings. This setting is necessary to inform you when the next lamp replacement is needed.

- Until you set the Lamp Replacement option, a message announcing that the lamp is at the end of its life will appear every time you turn on the TV.
- Consult your Sony dealer for a Sony XL-5200 replacement lamp.
- Take great care when replacing the lamp or plugging in/unplugging the connecting cords. Rough handling may cause the TV to fall, damaging the TV, the TV stand and the floor.

The used lamp

For customers in the United States:

This product contains mercury. Disposal of this product may be regulated if sold in the United States. For disposal or recycling information, please contact your local authorities or the Electronics Industries Alliance (http://www.eiae.org).

- Do not leave the used lamp near flammable materials or within the reach of children.
- Do not pour water onto the used lamp or put any object inside the lamp. Doing so may cause the lamp to burst.

For replacement lamp information visit:
U. S. residents: http://www.sonystyle.com/tv/
Canadian residents: http://www.sonystyle.ca/tv/

SAFETY CHECK-OUT

(US model only)

After correcting the original service problem, perfom the following safety checks before releasing the set to the customer:

1. Check the area of your repair for unsoldered or poorly-soldered connections. Check the entire board surface for solder splashes and bridges.
2. Check the interboard wiring to ensure that no wires are "pinched" or contact high-wattage resistors.
3. Check that all control knobs, shields, covers, ground straps, and mounting hardware have been replaced. Be absolutely certain that you have replaced all the insulators.
4. Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair. Point them out to the customer and recommend their replacement.
5. Look for parts which, through functioning, show obvious signs of deterioration. Point them out to the customer and recom mend their replacement.
6. Check the line cords for cracks and abrasion. Recommend the replacement of any such line cord to the customer.
7. Check the condition of the monopole antenna (if any). Make sure the end is not broken off, and has the plastic cap on it. Point out the danger of impalement on a broken antenna to the customer, and recommend the antenna's replacement.
8. Check the B+ and HV to see they are at the values specified. Make sure your instruments are accurate;be suspicious of your HV meter if sets always have low HV.
9. Check the antenna temminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5mA (500 microampers) . Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to usc these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. NearIy all battery operated digital multimeters that have a 2V AC range are suitable. (See Fig. A)

HOW TO FIND A GOOD EARTH GROUND

A cold-water pipe is guaranteed earth ground;the cover-plate retaining screw on most AC outlet boxes is also at earth ground. If the retaining screw is to be used as your earth-ground, verify that it is at ground by measuring the resistance between it and a cold-water pipe with an ohmmeter. The reading should be zero ohms. If a cold-water pipe is not accessible, connect a 60-l00 watts trouble light (not a neon lamp) between the hot side of the receptacle and the retaining screw. Try both slots, if necessary, to locate the hot side of the line, the lamp should light at normal brilliance if the screw is at ground potential. (See Fig. B)

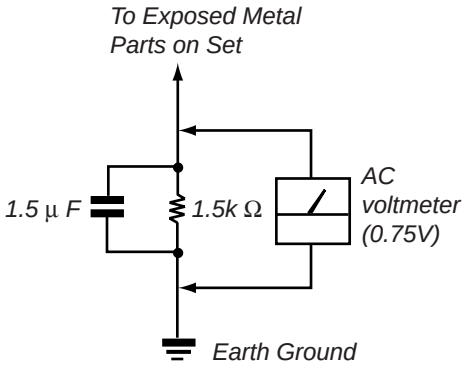


Fig. A. Using an AC voltmeter to check AC leakage.

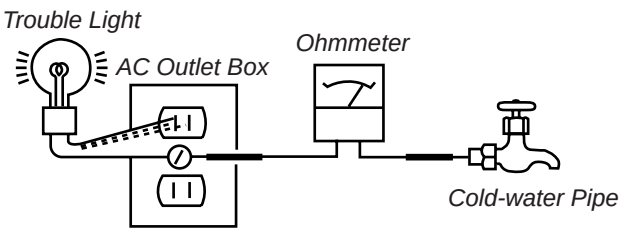


Fig. B. Checking for earth ground.

CAUTION

These servicing instructions are for use by qualified service personnel only.
To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

WARNING!!

AN ISOLATION TRANSFORMER SHOULD BE USED DURING ANY SERVICE TO AVOID POSSIBLE SHOCK HAZARD, BECAUSE OF LIVE CHASSIS.
THE CHASSIS OF THIS RECEIVER IS DIRECTLY CONNECTED TO THE AC POWER LINE.

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY SHADING AND MARK ⚠ ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY. CIRCUIT ADJUSTMENTS THAT ARE CRITICAL TO SAFE OPERATION ARE IDENTIFIED IN THIS MANUAL. FOLLOW THESE PROCEDURES WHENEVER CRITICAL COMPONENTS ARE REPLACED OR IMPROPER OPERATION IS SUSPECTED.

ATTENTION!!

AFIN D'EVITER TOUT RISQUE DELECTROCUTION PROVENANT D'UN CHÁSSIS SOUS TENSION, UN TRANSFORMATEUR D'ISOLEMENT DOIT ETRE UTILISÉ LORS DE TOUT DEPANNAGE.
LE CHÁSSIS DE CE RECEPTEUR EST DIRECTEMENT RACCORDÉ Á L'ALIMENTATION SECTEUR.

ATTENTION AUX COMPOSANTS RELATIFS ÁLA SÉCURITÉ!!

LES COMPOSANTS IDENTIFIÉS PAR UNE FRAME ET PAR UNE MAPQUE ⚠ SUR LES SCHÉMAS DE PRINCIPE, LES VUES EXPLOSÉES ET LES LISTES DE PIECES SONT D'UNE IMPORTANCE CRITIQUE POUR LA SÉCURITÉ DU FONCTIONNEMENT. NE LES REMPLACER QUE PAR DES COMPOSANTS SONY DONT LE NUMÉRO DE PIÉCE EST INDIQUÉ DANS LE PRÉSENT MANUEL OU DANS DES SUPPLÉMENTS PUBLIÉS PAR SONY. LES RÉGLAGES DE CIRCUIT DONT L'IMPORTANCE EST CRITIQUE POUR LA SÉCURITÉ DU FONCTIONNEMENT SONT IDENTIFIES DANS LE PRÉSENT MANUEL. SUIVRE CES PROCÉDURES LORS DE CHAQUE REMPLACEMENT DE COMPOSANTS CRITIQUES, OU LORSQU'UN MAUVAIS FONCTIONNEMENT SUSPECTÉ.

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SECTION 1
SELF DIAGNOSIS FUNCTION

1. Summary of Self-Diagnosis Function

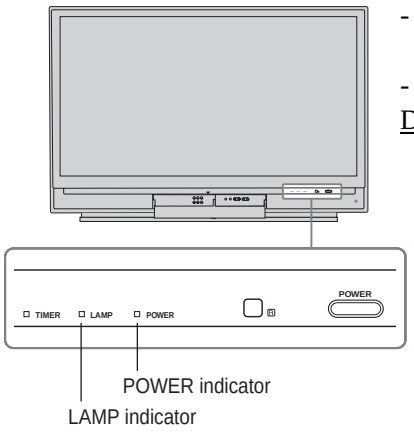
- This device includes a self-diagnosis function.
- In case of abnormalities, the POWER indicator automatically blinks. It is possible to predict the abnormality location by the number of blinks. The Instruction Manual describes blinking of the POWER indicator.
- If the symptom is not reproduced sometimes in case of a malfunction, there is recording of whether a malfunction was generated or not. Operate the remote command to confirm the matter on the screen and to predict the location of the abnormality.

2. Diagnosis Items and Prediction of Malfunction Location

- When a malfunction occurs the POWER indicator only blinks for one of the following diagnosis items. In case of two or more malfunctions, the item which first occurred blinks. If the malfunctions occurred simultaneously, the item with the lower blink count blinks first.
- The screen display displays the results regarding all the diagnosis items listed below. The display "0" means that no malfunctions occurred.

Diagnosis Item	Number of times POWER indicator blinks	Probable Cause Location	Defected symptoms
Temp. over	2 times	-The periphery of lamp heats up abnormally	- No picture/No sound
Lamp cover	3 times	- Lamp cover is not attached securely.	- No picture/No sound
Fan error	4 times	- Fan1, 3, 4 power is not supplied. - Fan connector is not attached securely.	- No picture/No sound
Lamp driver	5 times	- Lamp driver is faulty.	- No picture/No sound
Power error	6 times	- D5V is not supplied.	- No picture/No sound
Audio prot	7 times	- Speaker line is shorted.	- No picture/No sound
Power OVP	8 times	-7V is over voltage.	- No picture/No sound
Device error	9 times	Temperature sensors, Bus decoder ICs (IC2000, 3150, 3200, 8804)	-No picture
Lamp error	LAMP-LED flashes	- Lamp for the light source burns out.	- No picture/No sound

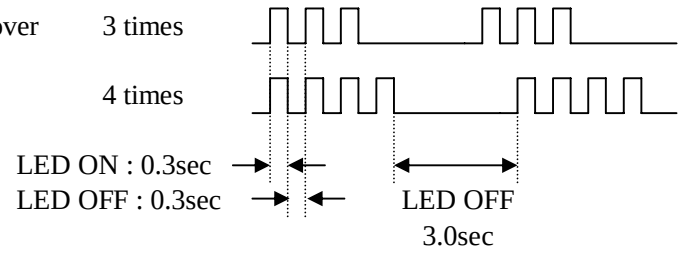
3. Blinking count display of POWER/STANDBY indicator



- One blink is not used for self-diagnosis.

- Example

Diagnosis item	LED blinks
Lamp cover	3 times
Fan	4 times



- Release of POWER/STANDBY indicator blinking

The POWER/STANDBY indicator blinking display is released by removing the plug from the power or leaving for 2 minutes.

4. Self-diagnosis screen displays

- In cases of malfunctions where it is not possible to determine the symptom such as when the power goes off occasionally or when the screen disappears occasionally, there is a screen display on whether the malfunction occurred or not in the past (and whether the detection circuit operated or not) in order to allow confirmation.

<Screen Display Method>

- Quickly press the remote command button in the following order from the standby state.

DISPLAY → Channel 5 → Vol - → POWER

Be aware that this differs from the method of entering the service mode (Vol +).

Error information

002 : LED blink times
TEMP : Panel Temp Error
001 : Error count (Max 255)

Reboot counter

102 : Error number
TVM_WDT : Reboot micro
002 : WDT count (Max 255)

Boot count and total power on time

Display rule
12345-67890 : alternately display
(ex.) Boot Count 13579 times
Total power on time 24680 hours
Each max is 99999

SELF CHECK

002 : TEMP	001
003 : L_COVER	000
004 : FAN	003
005 : L_DRIVER	000
006 : POWER	000
007 : AUDIO	000
008 : P_OVP	000
009 : DEVICE	000
101 : DTT_WDT	000
102 : TVM_WDT	002
103 : WEM_WDT	000
104 : DEM_WDT	000

12345-67890

* The boot count is increased at all power on timing.
(AC Off ->Power On, Main SW Off -> Power On, Standby -> Power On)

* The total power on time is written to NVM at 1 time per a hour.

- The results display is not automatically cleared. In case of repairs and after repairs, check the self-diagnosis screen and be sure to return the results display to "0".
- If the results display is not returned to "0" it will not be possible to judge a new malfunction after completing repairs.

<Method of Clearing Results Display>

1. Power off (Set to the standby mode)
2. DISPLAY → Channel 5 → Vol - → POWER
3. Channel 8 → ENTER

<Method of Ending Self-Diagnosis Screen>

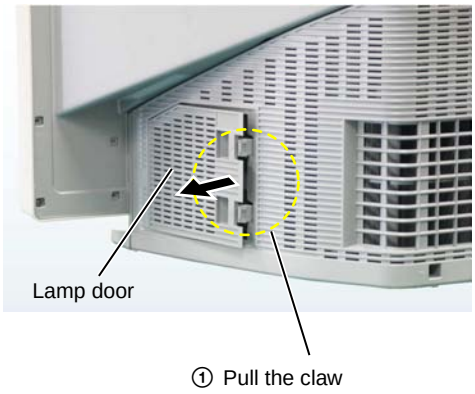
- When ending the self-diagnosis screen completely, turn the power switch OFF on the remote commander or the main unit.

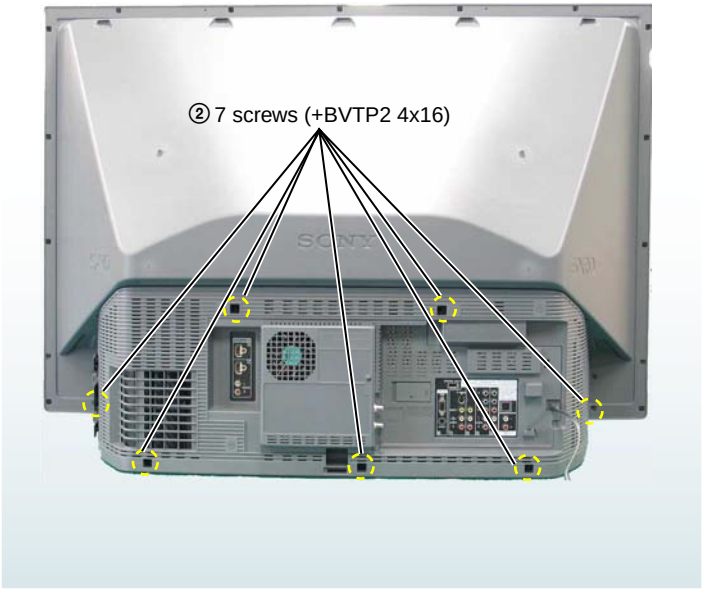
5. Self-Diagnosis function operation

2	:	Temp over	When the inside temperature sensed with IC3150, IC3200 and IC2000 mounted on S1 board, S2 board and C board respectively exceed the threshold, DEM (Display Engine u-com) detects it and makes turn off the lamp.
3	:	Lamp cover	When the lamp cover is opened or harness from T board is off, DEM detects it and makes turn off the lamp
4	:	FAN error	When any FAN is stopping or harness is not connected correctly, DEM detects it and makes turn off the lamp
5	:	Lamp Driver	When the ballast is not working with high voltage, DEM detects it and makes turn off the lamp
6	:	Power error	When the voltage converted on 5V regulated from 11V is low, TVM (TV u-com) detects it and makes turn off the lamp.
7	:	Audio	When DC is appeared by audio amp failure at speaker line, DEM detects it and makes turn off the lamp.
8	:	Power-OVP	When the output voltage from 7V is abnormally high, TVM detects it and makes turn off the lamp.
9	:	Device error	When the temperature sensor and bus decoder ICs do not return ACK on IIC bus to DEM, DEM detects it and makes turn off the lamp.
LAMP	:	Lamp	When the lamp is broken, DEM detects it.

SECTION 2
DISASSEMBLY

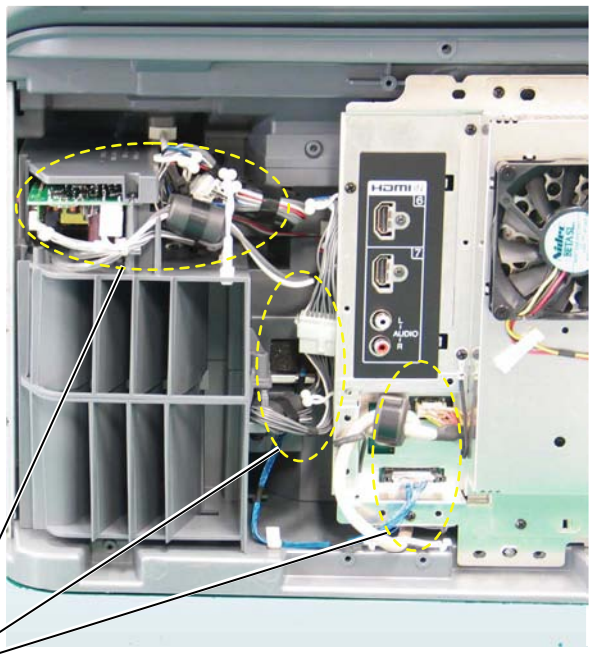
2-1. REAR COVER



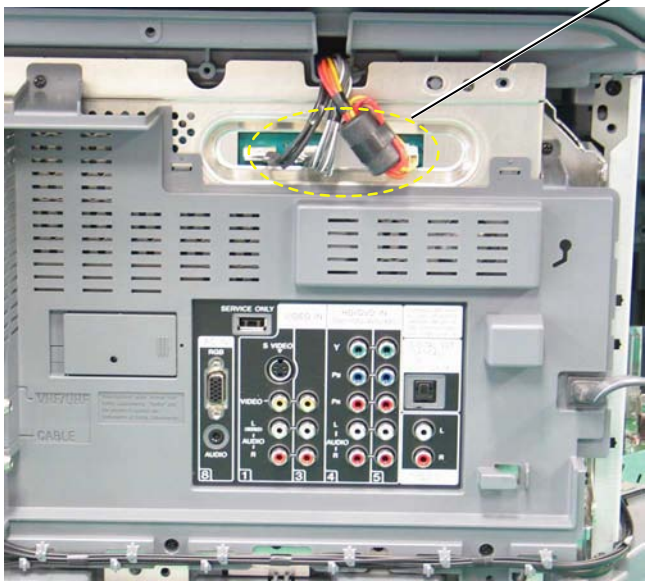


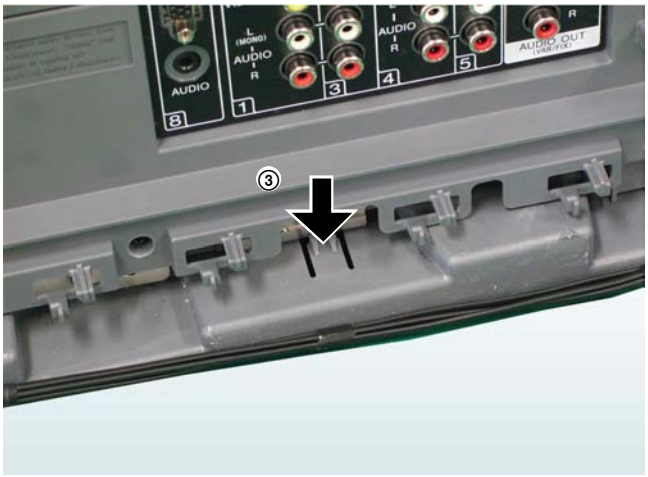
2-2. CHASSIS BLOCK

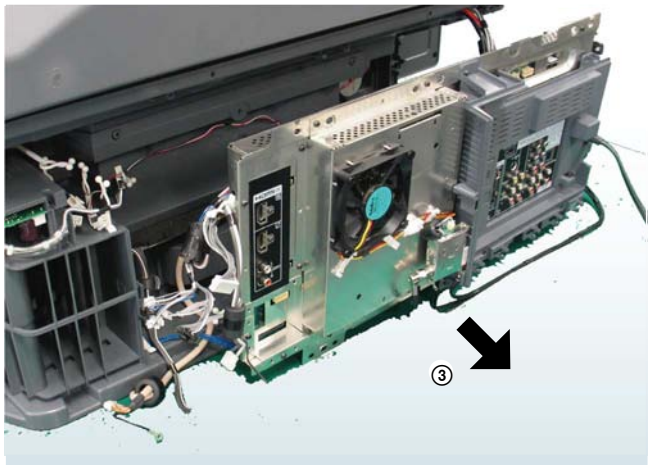
② Screw (+BVTP2 4x16)



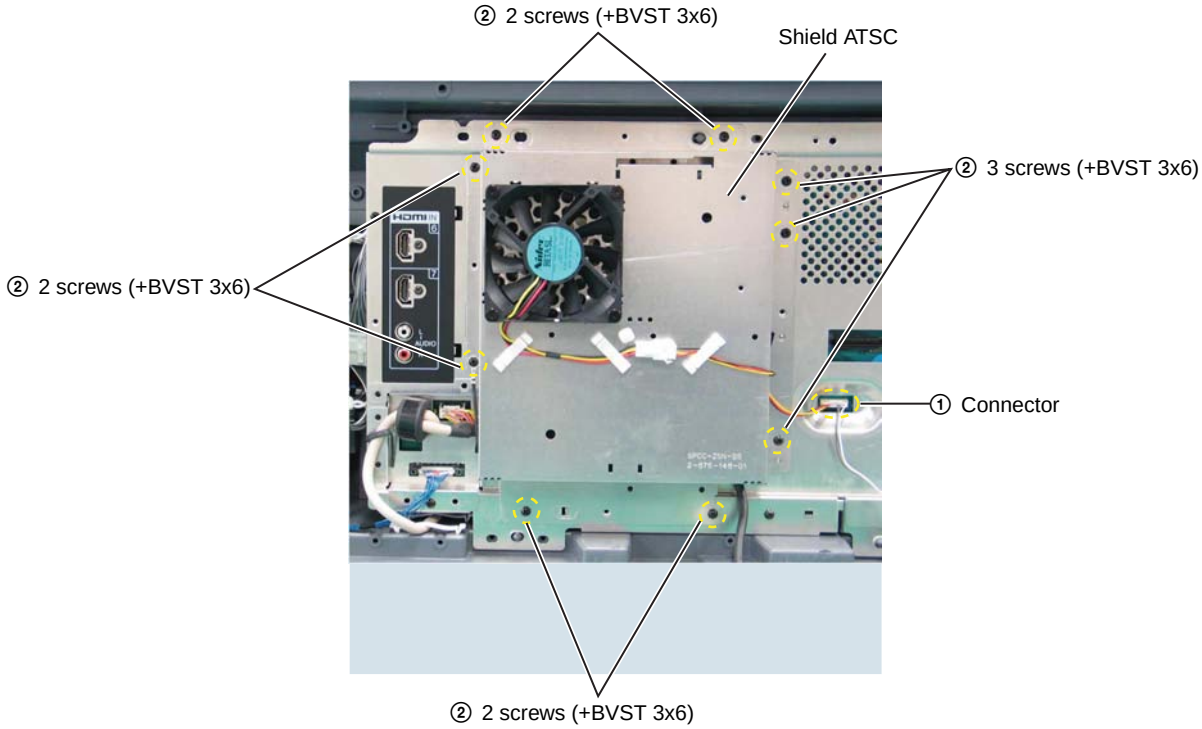
① Connectors



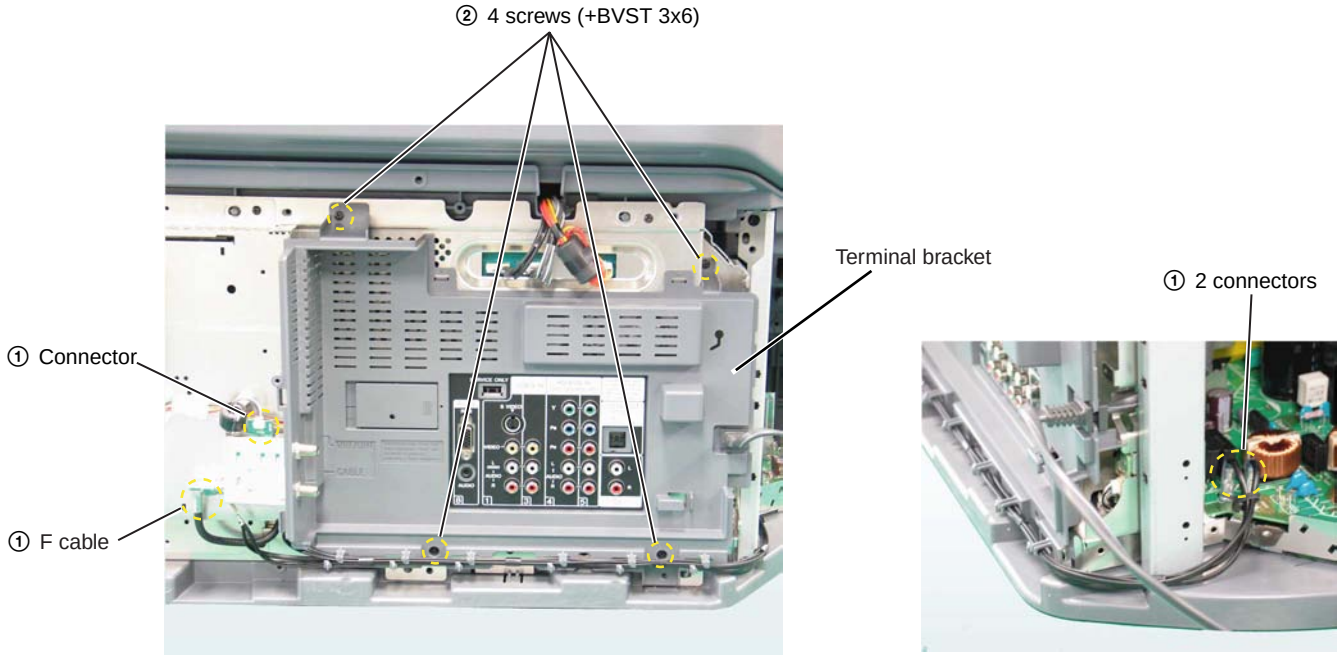




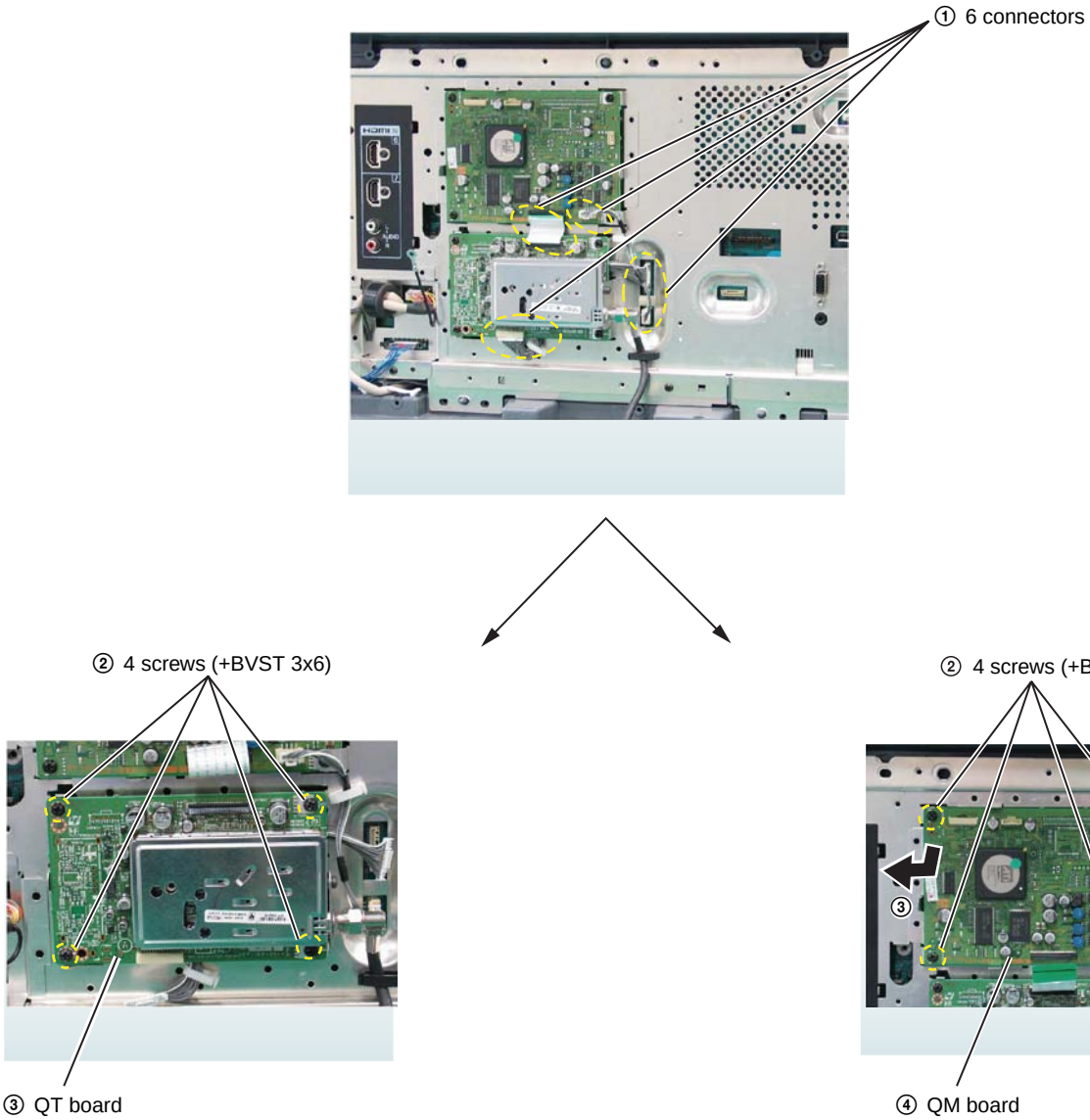
2-3. SHIELD ATSC



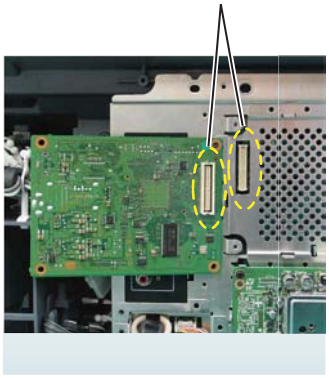
2-4. TERMINAL BRANCKET



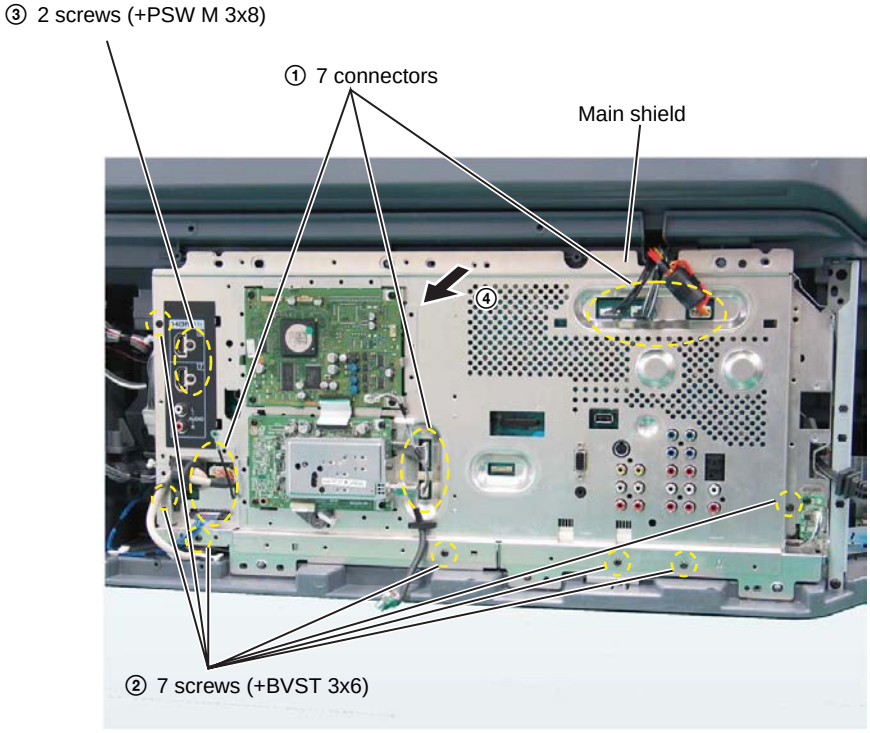
2-5. QT BOARD, QM BOARD



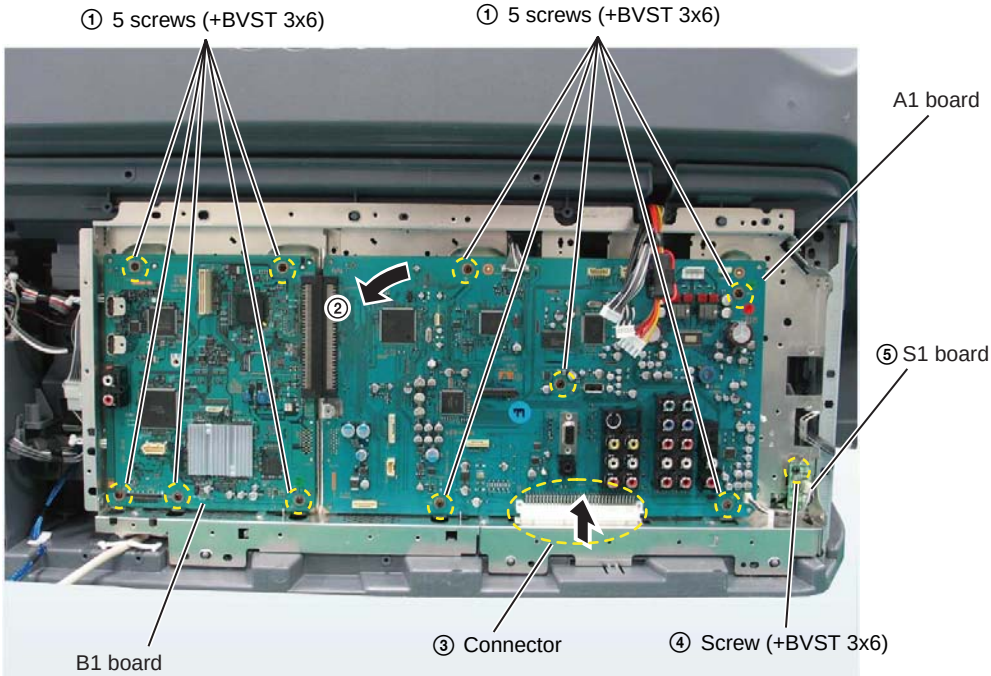
Be careful about the connector connected between QM board and A1 board.



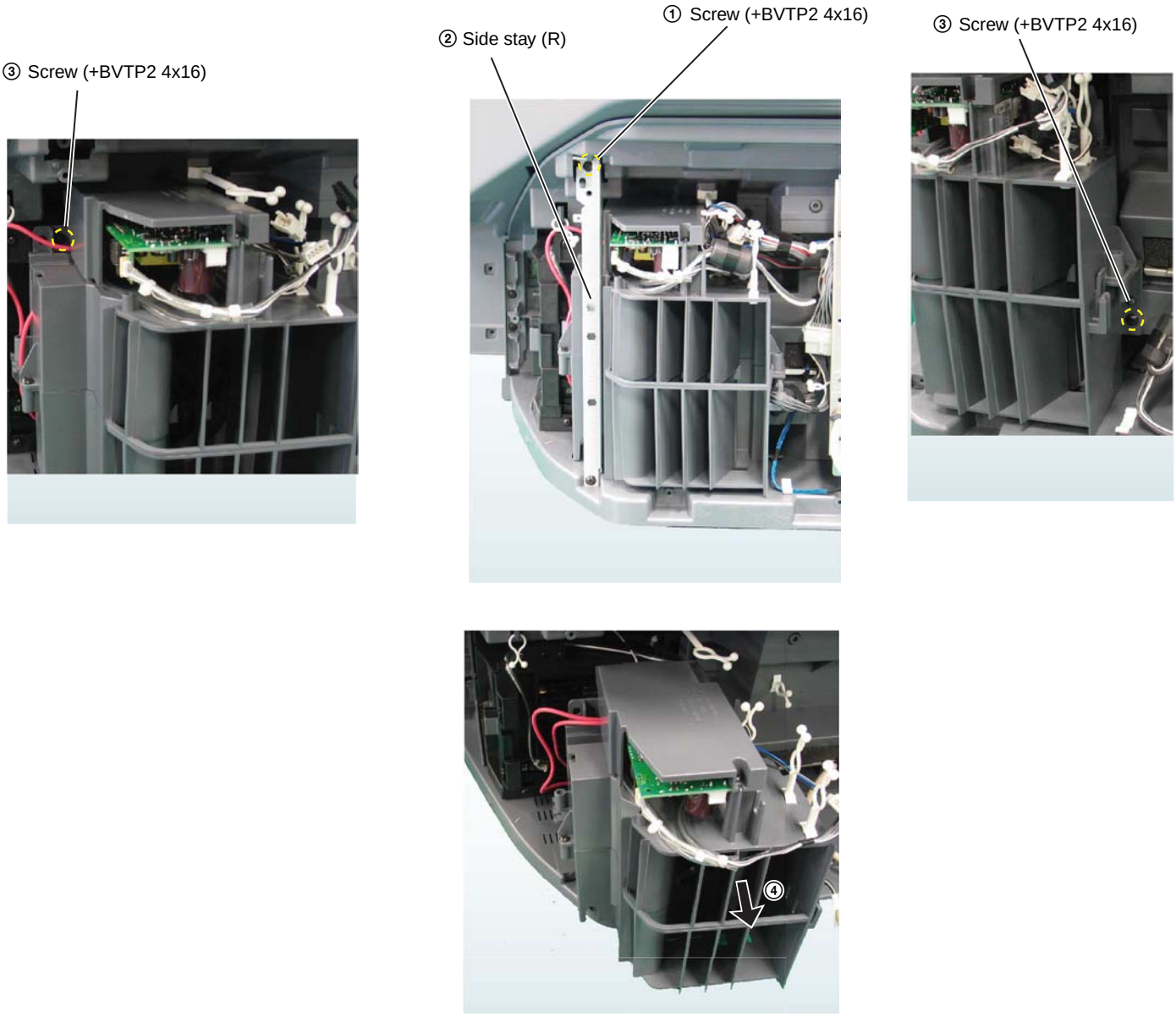
2-6. MAIN SHIELD



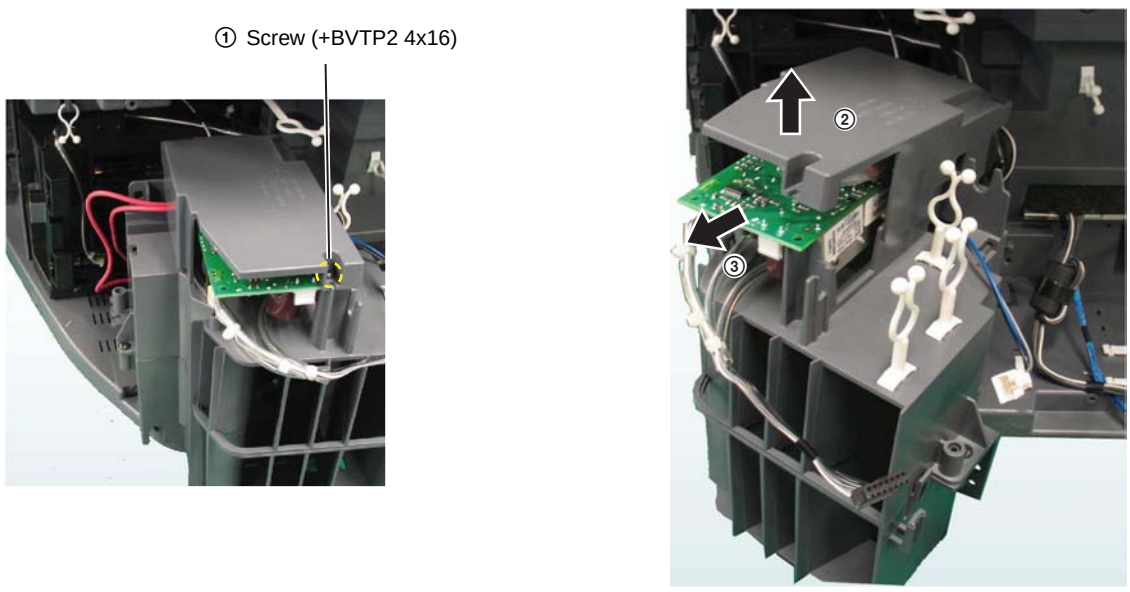
2-7. A1, B1, S1 BOARD



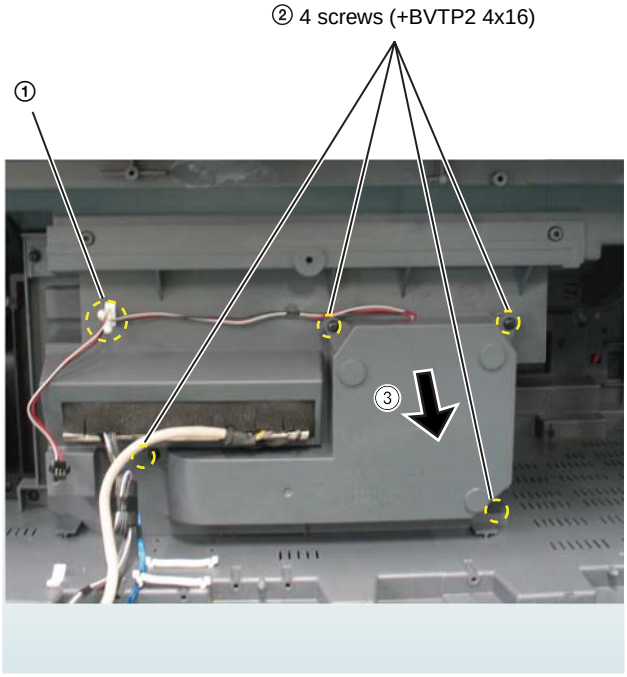
2-8. LAMP FAN UNIT



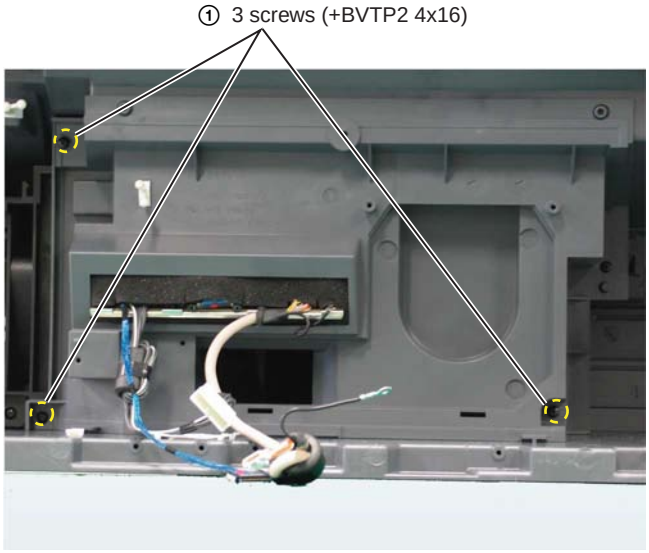
2-9. POWER BLOCK

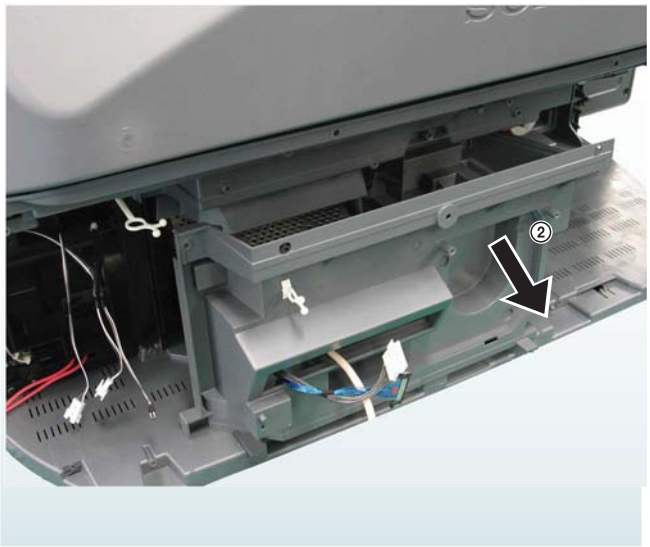


2-10. SCIROCCO FAN

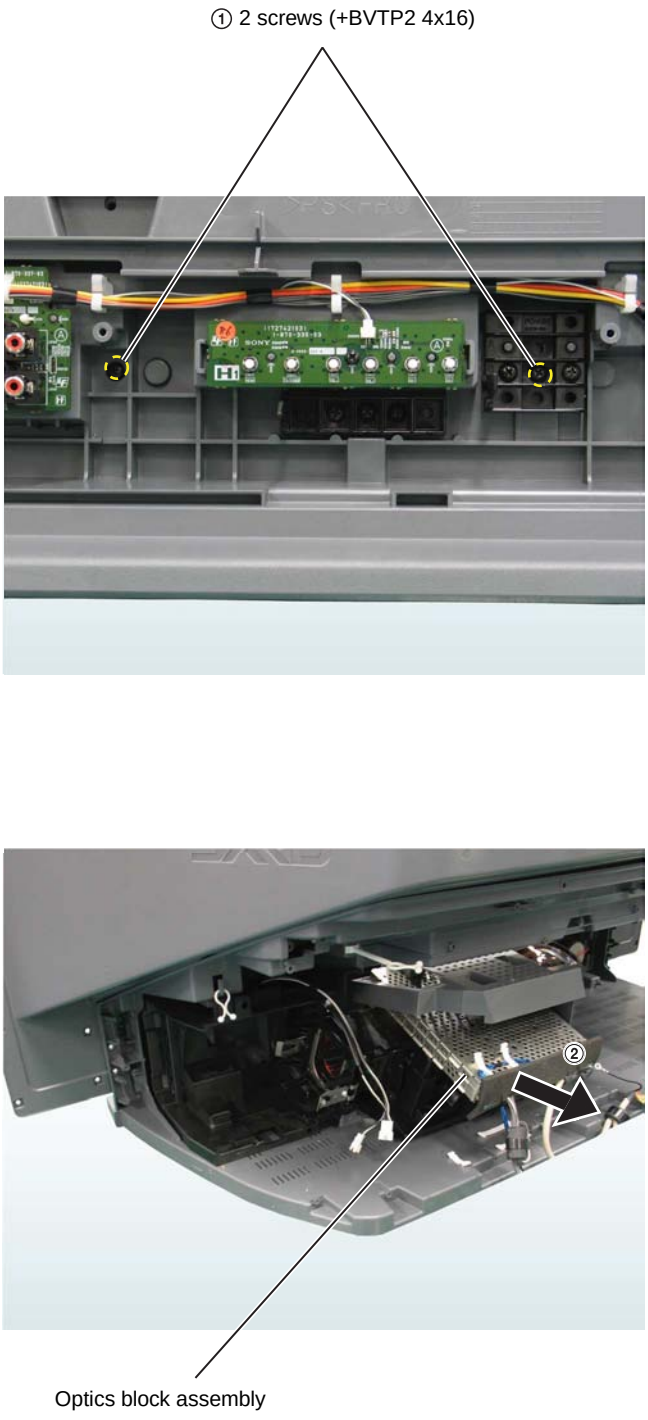


2-11. UNIT COVER ASSEMBLY





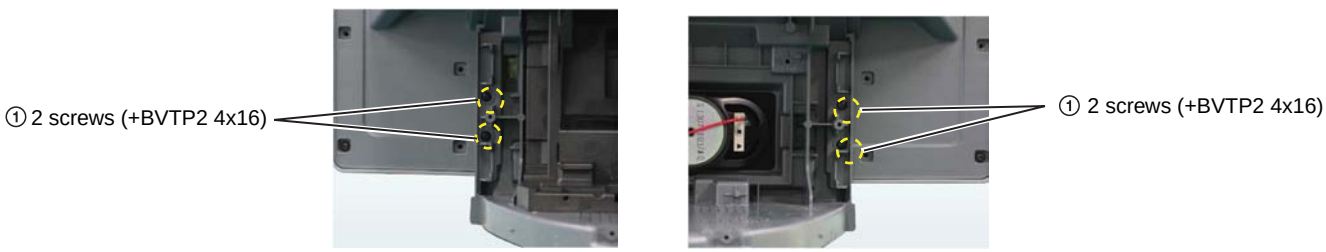
2-12. OPTICS BLOCK ASSEMBLY



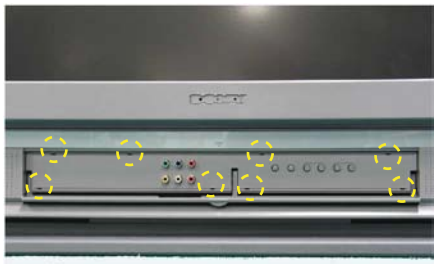
2-13. SCREEN FRAME BLOCK ASSEMBLY

50A2000

55A2000/60A2000

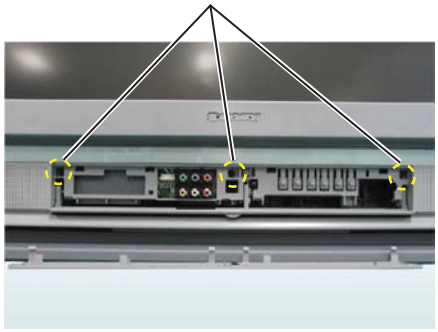


2-14. FRONT TERMINAL BRACKET

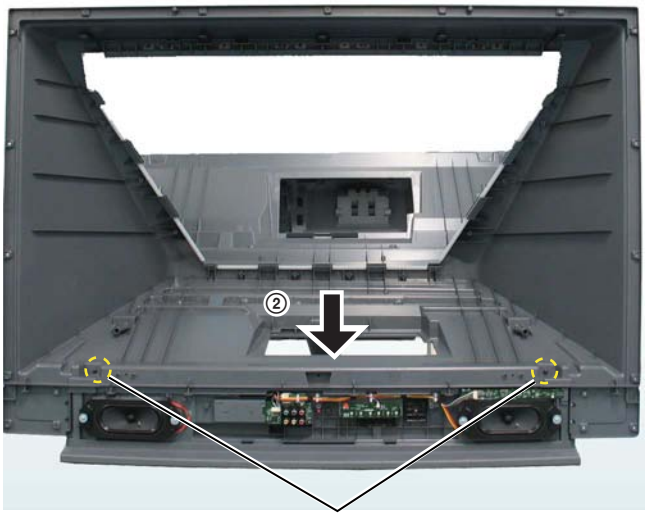


② Remove 7 claws of front terminal bracket by inserting the pin 5 to 10mm to the 7 square holes on the edge of front teminal bracket.
At this time, pay attention not to scratch front terminal bracket.

③ 2 screws (+BVTP2 4x16)



2-15. MIRROR COVER BLOCK



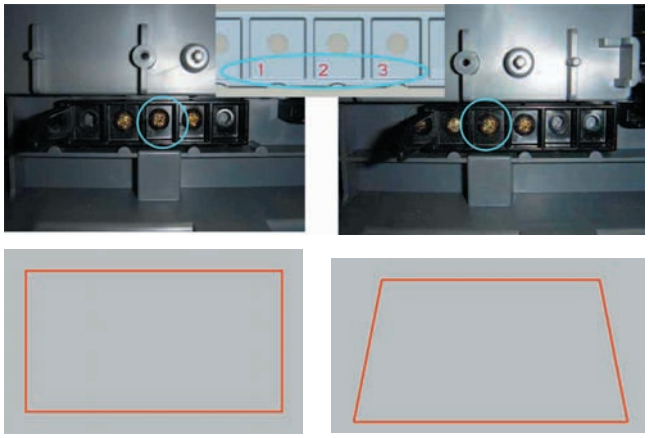
① 2 screws (+BVTP2 4x16)

SECTION 3
ELECTRICAL ADJUSTMENTS

3-1. PICTURE DISTORTION CORRECTION MECHANISM

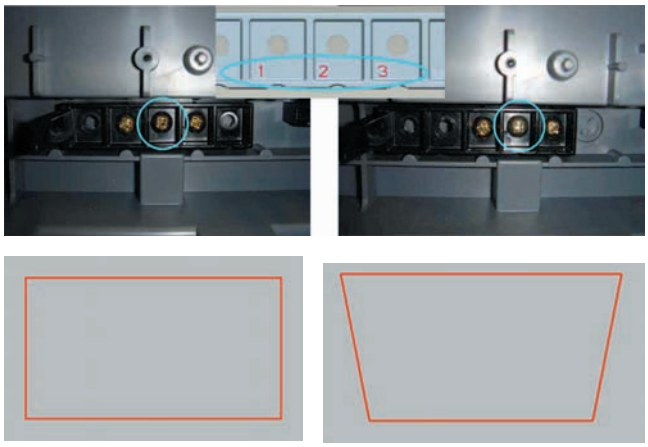
3-1-1. V-TRAP Correctin 1

In case of movimg the V spacer by changing the position of center screw on the V spacer 2 to 1, the picture center goes down and square to trapezoid as shown in figure.



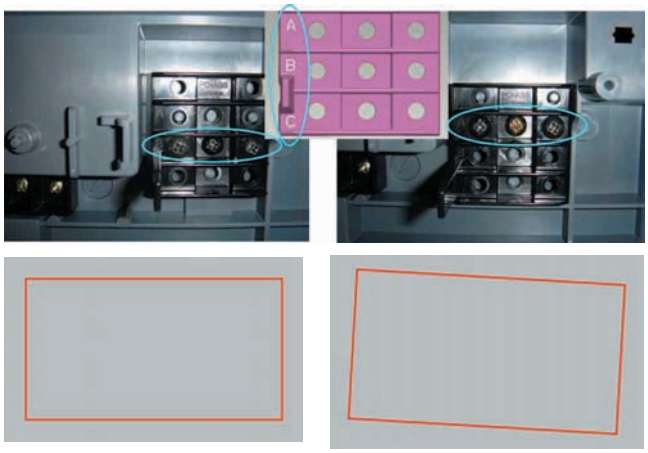
3-1-2. V-TRAP Correctin 2

In case of movimg the V spacer by changing the position of center screw on the V spacer 2 to 3, the picture center goes up and square to trapezoid as shown in figure.



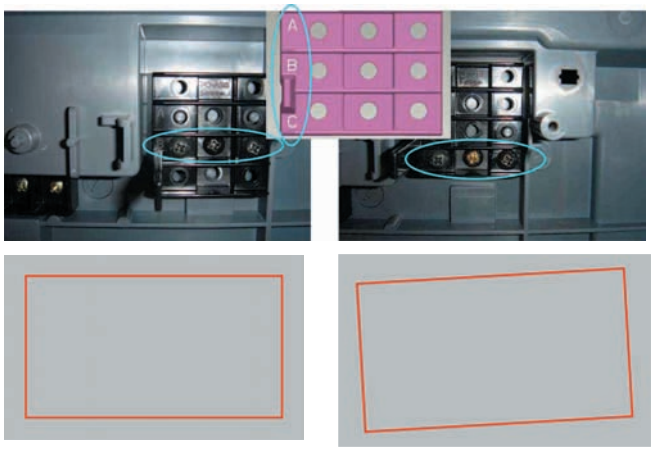
3-1-3. Picture Rotation Correctin 1

In case of movimg the R spacer by changing the position of screws on the R spacer B to A, the picture rotates clockwise as shown in figure.



3-1-4. Picture Rotation Correctin 2

In case of movimg the R spacer by changing the position of screws on the R spacer B to C, the picture rotates counterclockwise as shown in figure.



3-2. ELECTRICAL ADJUSTMENT BY REMOTE COMMANDER

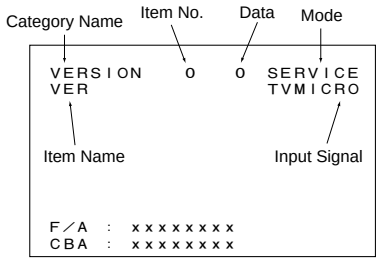
By using remote commander (RM-YD010), all circuit adjustments can be made.

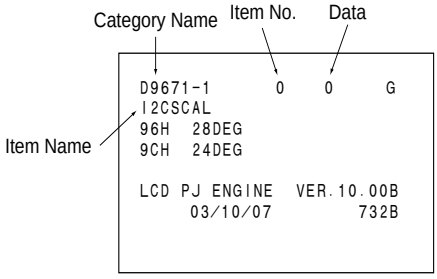
NOTE : Test Equipment Required.

1. Pattern Generator (with component outputs)
2. Oscilloscope
3. Digital multimeter

3-2-1. Method of Setting the Service Adjustment Mode

1. Standby mode. (Power off)
2. [DISPLAY] → [5] → [VOL (+)] → [TV POWER] on the remote commander.
   (Press each button within a second.)
   The following service screen will appear.





<LCD PROJECTOR ENGINE>

3-2-2. Service Mode Adjustment

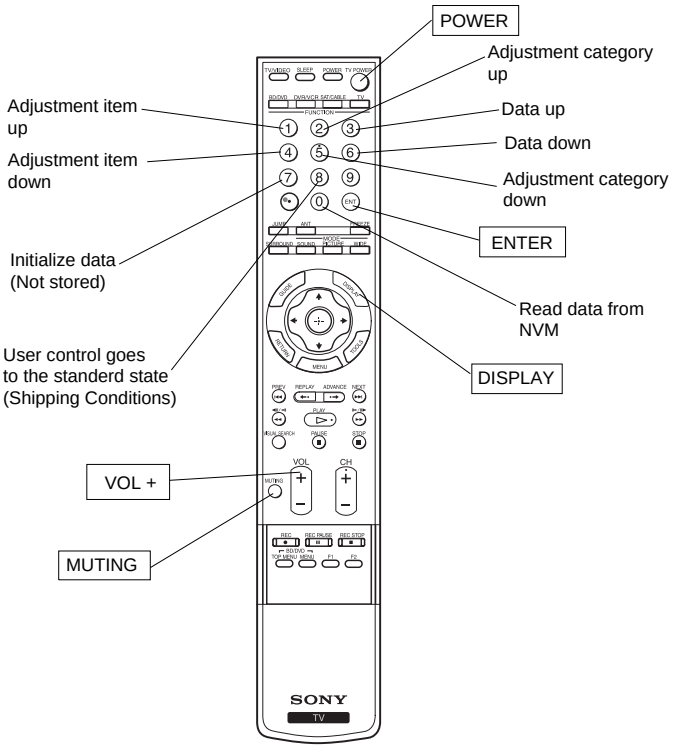
1. The SCREEN displays the item being adjusted.
2. Press "①" or "④" on the remote commander to select the adjustment item.
3. Press "③" or "⑥" on the remote commander to change the data.
4. Press "②" or "⑤" on the remote commander to select the category.
5. If you want to recover the latest values press "⓪" then "[ENTER]" to read the memory.
6. Press "[MUTING]" then "[ENTER]" to write into memory.
7. Turn power off.

<Method of setting the shipping condition>
1. Service Adjustment mode.
2. Press "⑧" then "ENTER"
3. Wait until appearing " Initial Setup" display.
4. Disconnect AC plug and connect again to change factory reset condition completely.

3-2-3. Memory Write Confirmation Method

1. After adjustment, turn power off with the remote commander.
2. Turn power on and set to service mode.
3. Call the adjusted items again and confirm they were adjusted.

3-2-4. Adjusting Buttons and Indicator



RM-YD010

FUNCTION OF KEYS ON COMMANDER

- ① : Changes adjustment item. (item No. moves up)
- ④ : Changes adjustment item. (item No. moves down)
- ② : Changes adjustment category. (category moves up)
- ⑤ : Changes adjustment category. (category moves down)
- ③ : Changes data value. (up)
- ⑥ : Changes data value. (down)

Commander Function

Button	Mode	Description
MUTING + ENTER	WRITE	Writes data to NVM.
⓪ + ENTER	READ	Reads data from NVM.
⑧ + ENTER	RESET	Set the shipping condition.

3-3. To read Lamp and Panel time

The lamp and panel time of the set are displayed as follows .

<Enter the service mode>

1. Press the keys of the remote commander in rapid sequence as follows , when the set is in standby mode.

DISPLAY → Channel 5 → Vol + → POWER

2. Press the "JUMP " key [3 times].
   You'll get into DE-micro service menu .
3. Press "2 " key several times until it shows the following display.

Example

```
PANEL       SERVICE
21 Timer
 0 LMP           14
Diff      1   60Hz
```

This screen reads "Total lamp time is 14 hours". To reset lamp time, press "1 " to set the reset. Press "3" , "MUTE " and "ENTER " keys in sequence. WRI-EXE(Red Character) is momentarily displayed and LampTM will be reset to "0 ".

4. Press " 1 " key several times until it shows the following display.

Example

```
PANEL       SERVICE
21 Timer
 1 LMPRST        0
Diff      1   60Hz
```

5. To check Panel Time, press "1" key [1 more times] at the previous display of Lamp Time.
   The following display will be shown.

Example

```
PANEL       SERVICE
21 Timer
 2 OPERAT        3
Diff      1   60Hz
```

<To get out of the Service menu>

The Service menu is cleared by turning off the set with a remote commander or the power switch .

3-4. Test Reset

The user settings can be reset to the factory default condition as follows.

1. Press "TEST " and "RESET " key in sequence when the set is ON .
   The LAMP,TIMER and POWER LED light and the picture is muted.
   After about 5 seconds the LAMP and TIMER LED go off, and the color of POWER LED changes from amber to green.
   After another 10 seconds the reset is completed and the initial set-up display appears.

3-5. H/V Center Confirmation and Adjustment

Please check the picture horizontal/vertical center after the replacement of the following parts .

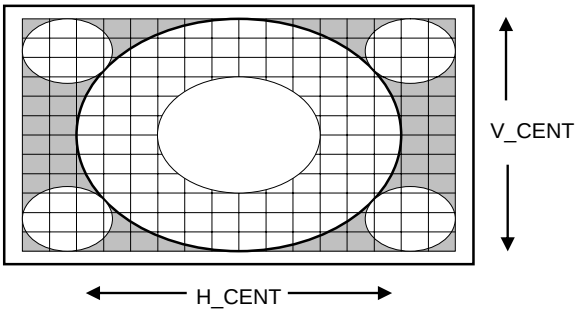
- Optical block
- Top assembly

1, Check H/V center with 480i monoscope signal in "Full " mode .

2, If the center is shifted , adjust it with the following service items .

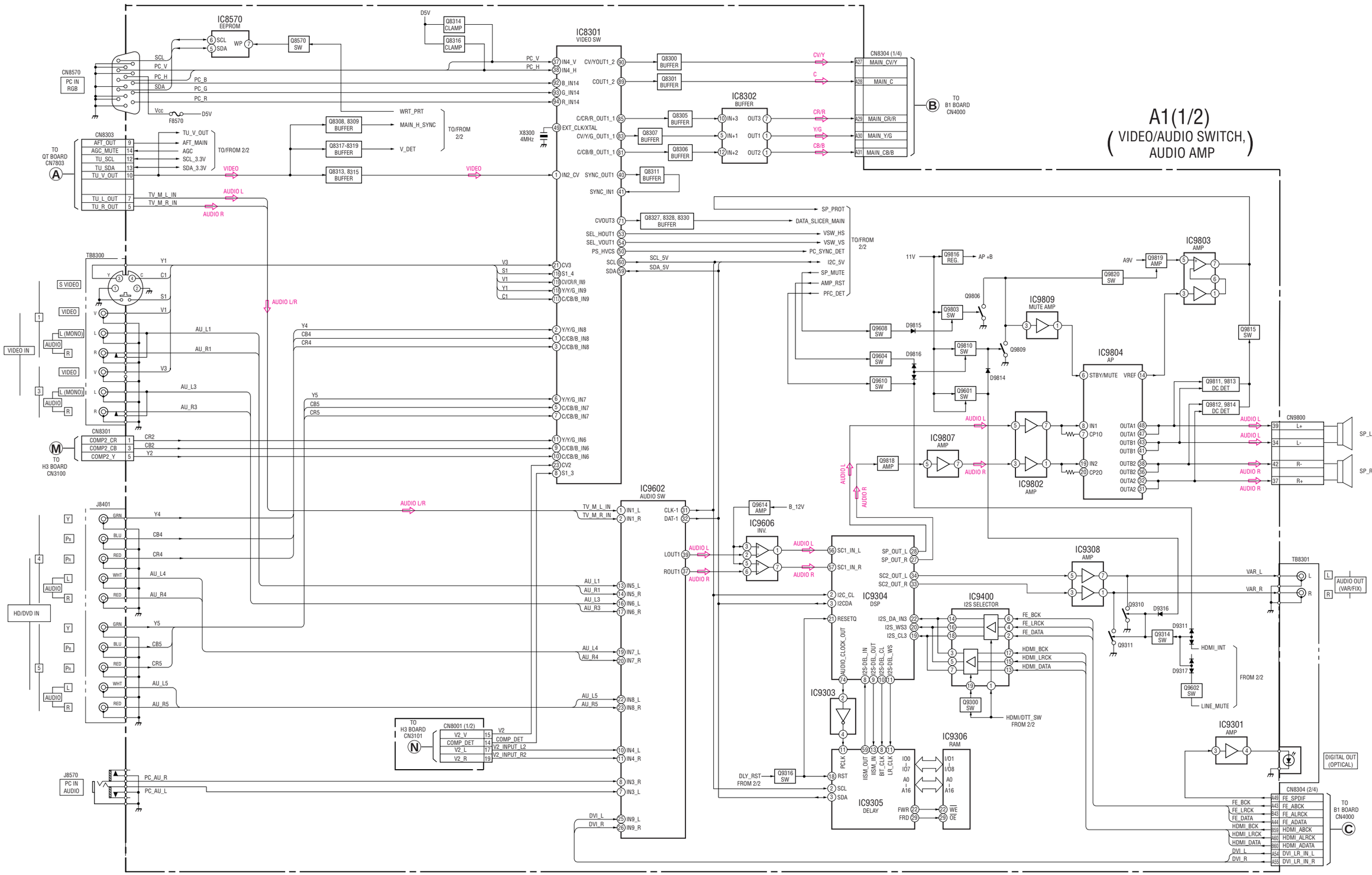
Please record the steps shifted as ◿ DFD 16 and ◿ CXD9713 .

DEM/TG H_CENT (for H center)
V_CENT (for V center)

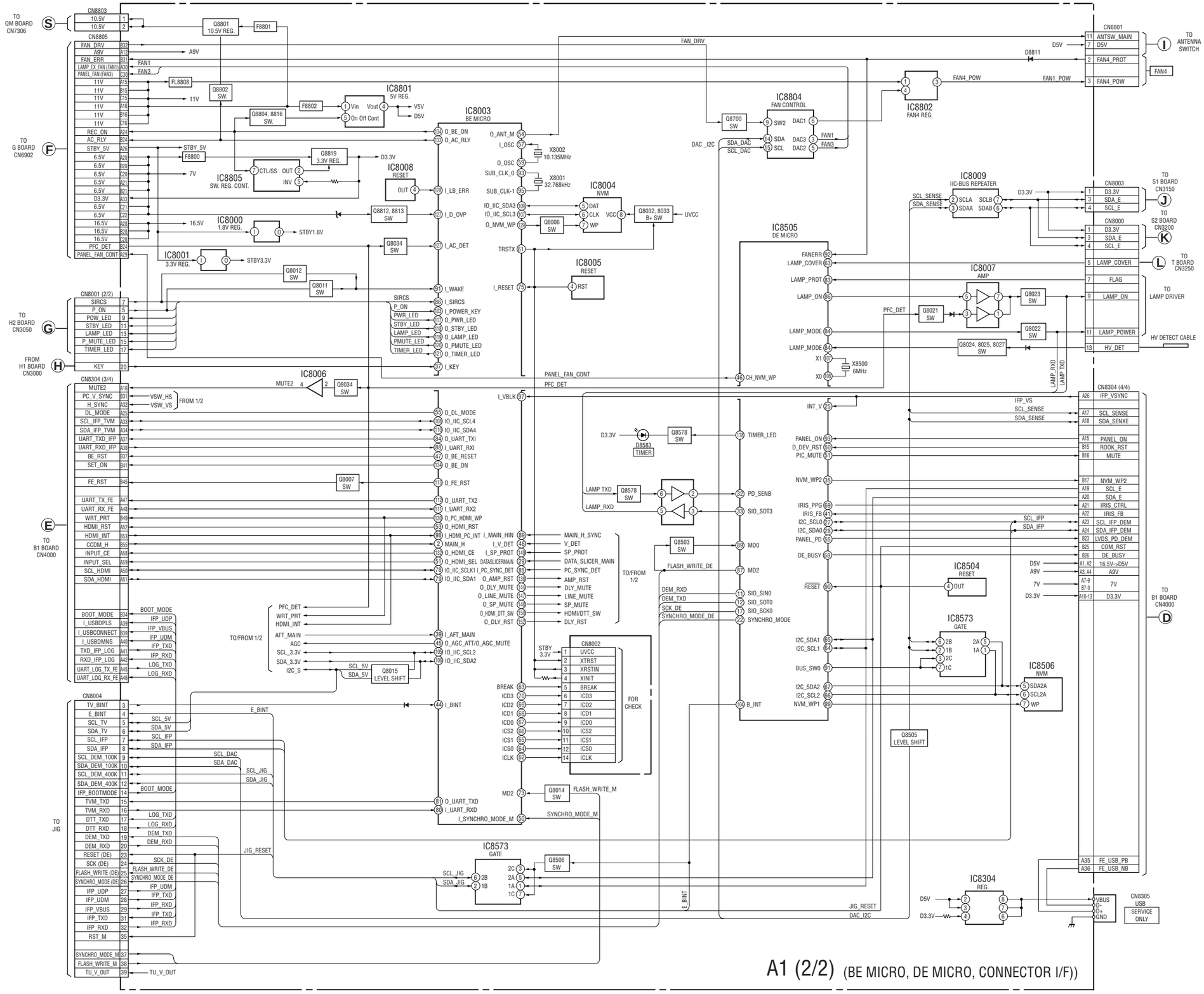


SECTION 4
DIAGRAMS

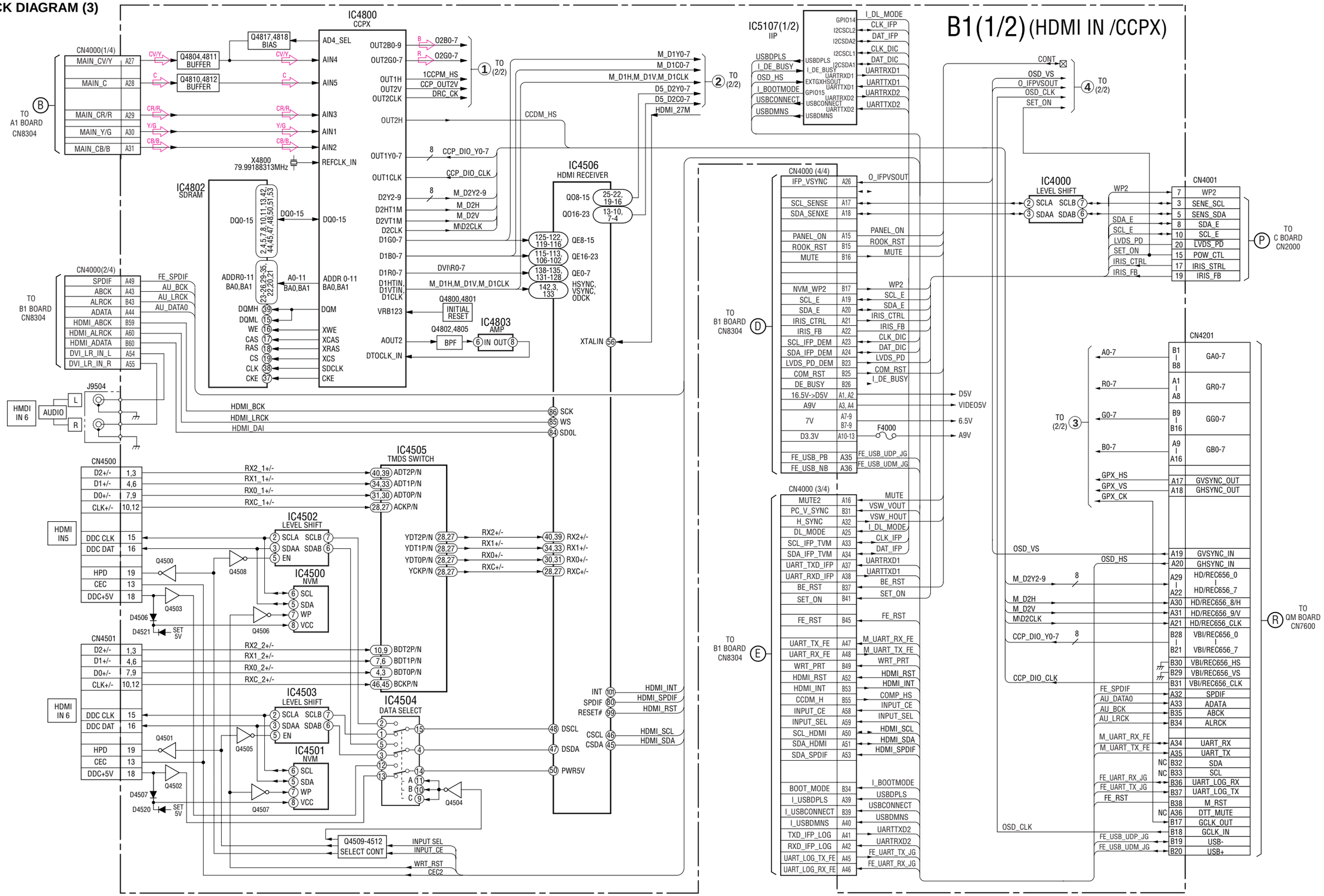
4-1. BLOCK DIAGRAM (1)



BLOCK DIAGRAM (2)

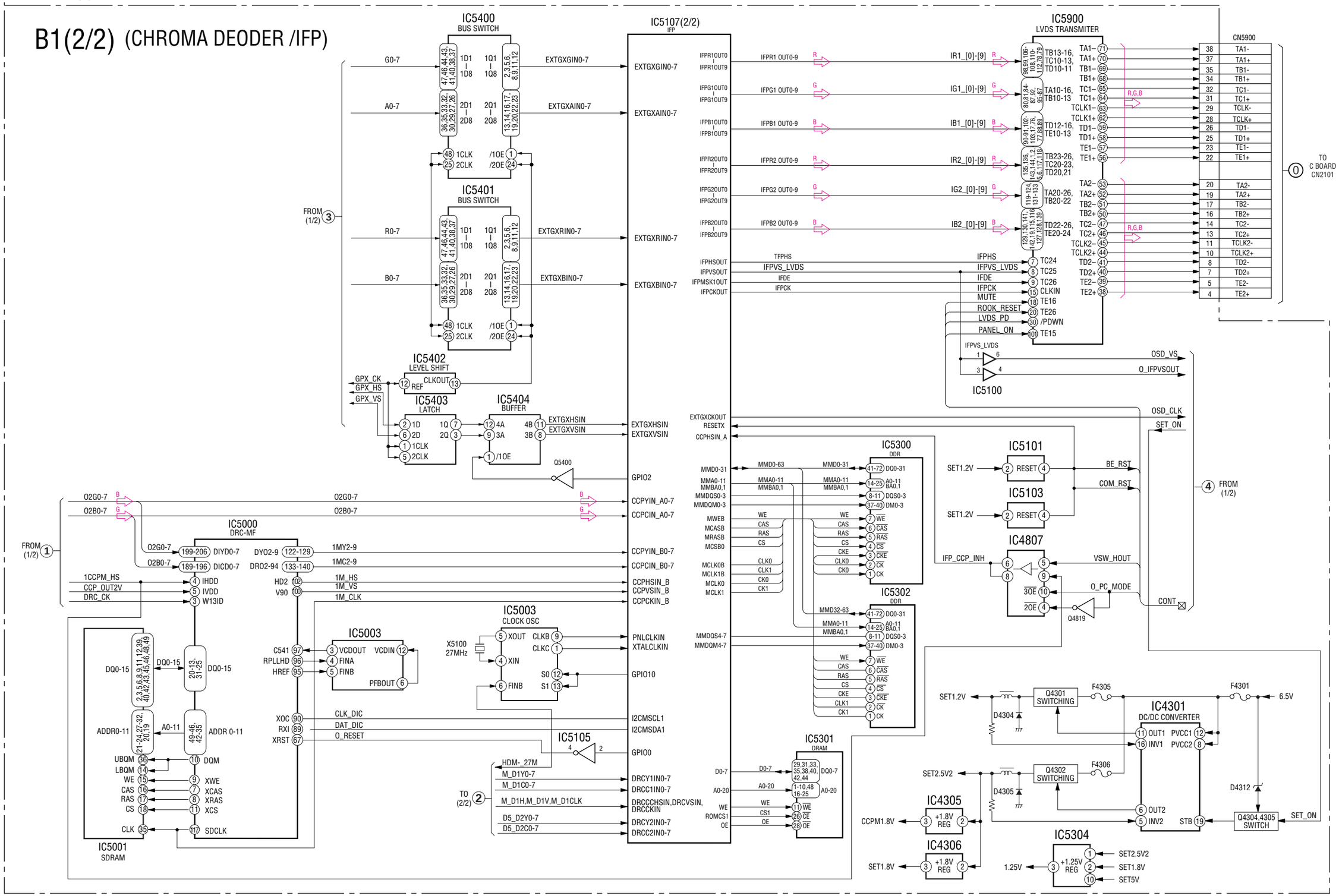


BLOCK DIAGRAM (3)

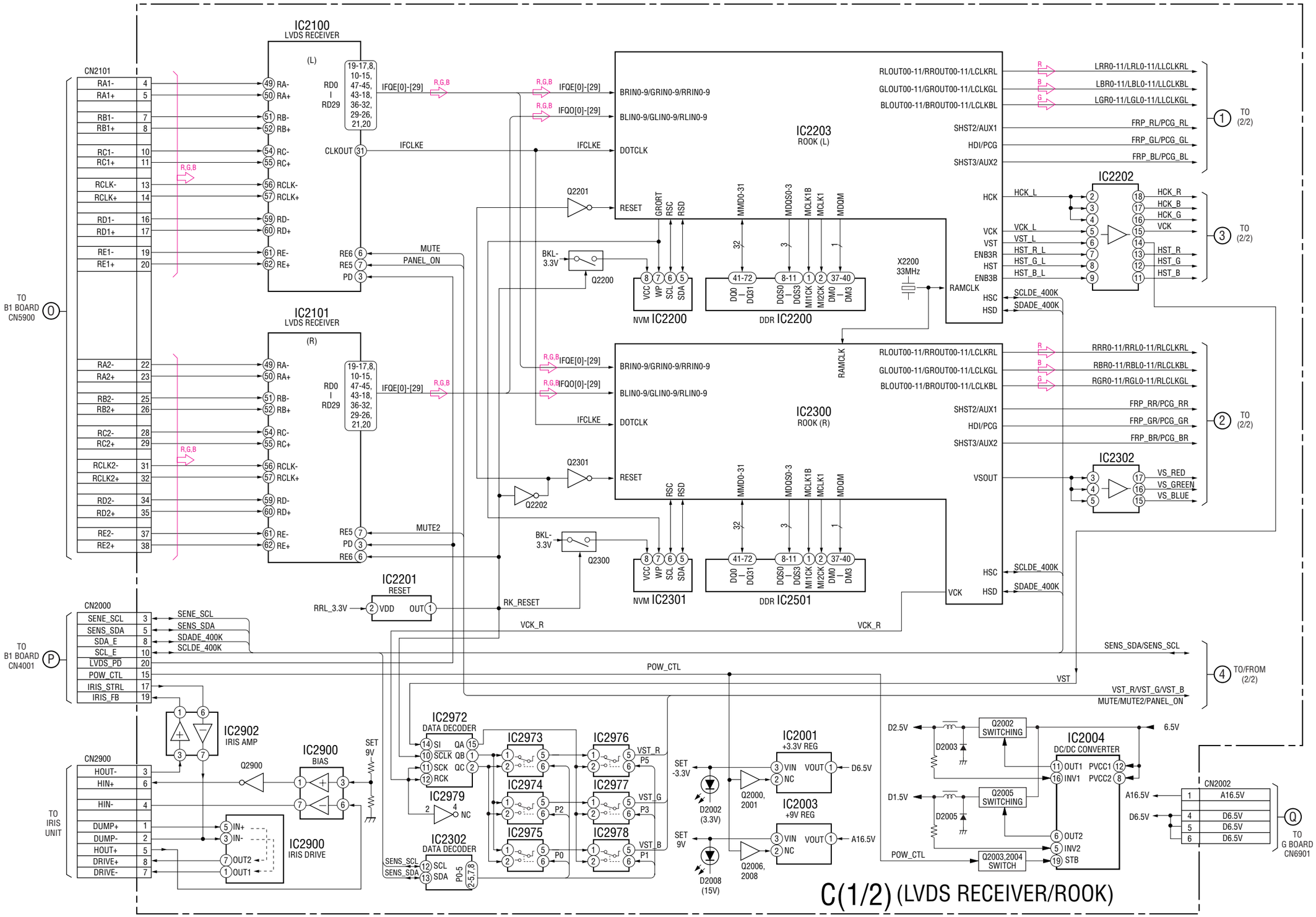


BLOCK DIAGRAM (4)

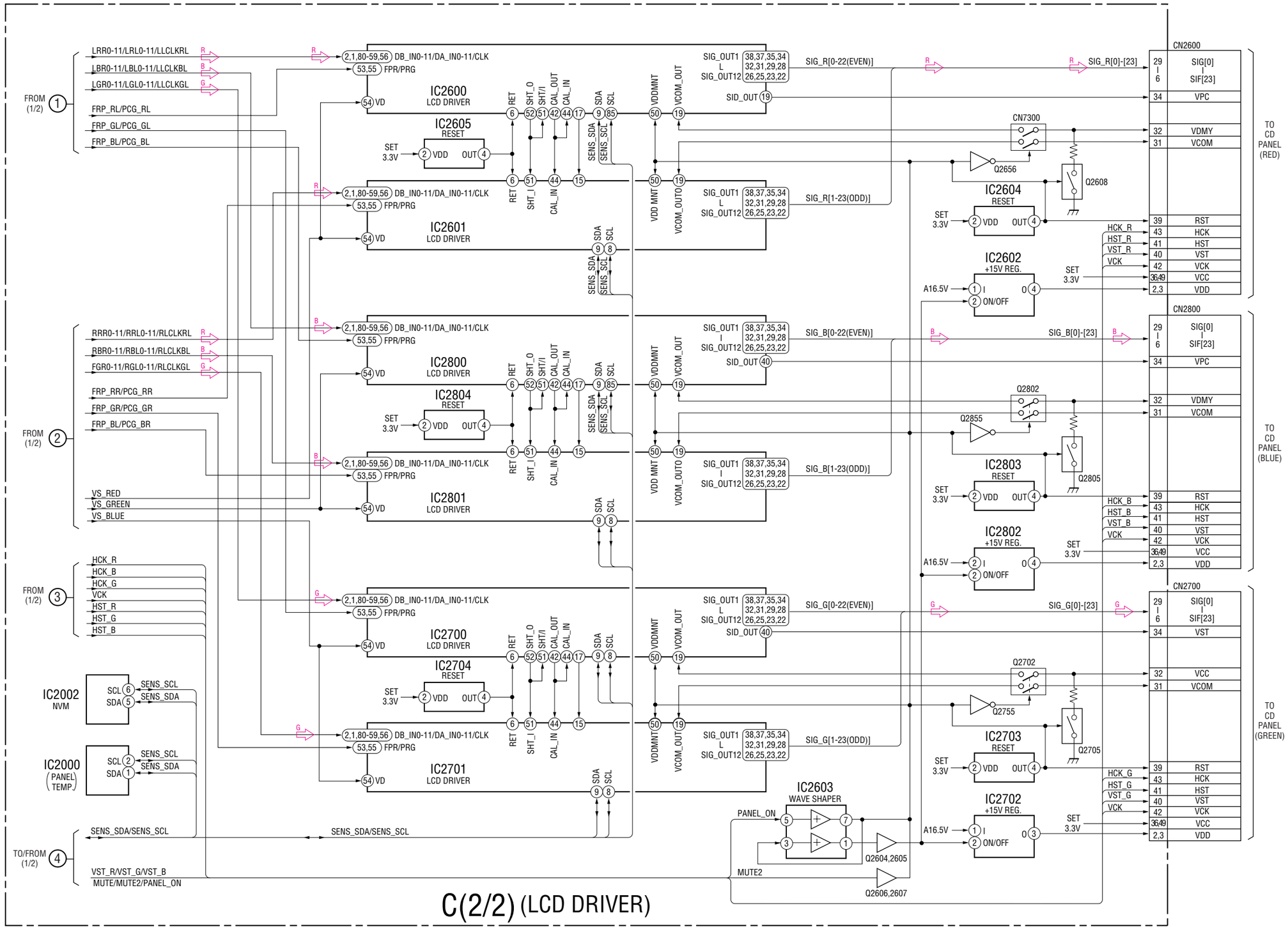
B1(2/2) (CHROMA DEODER /IFP)



BLOCK DIAGRAM (5)



BLOCK DIAGRAM (6)



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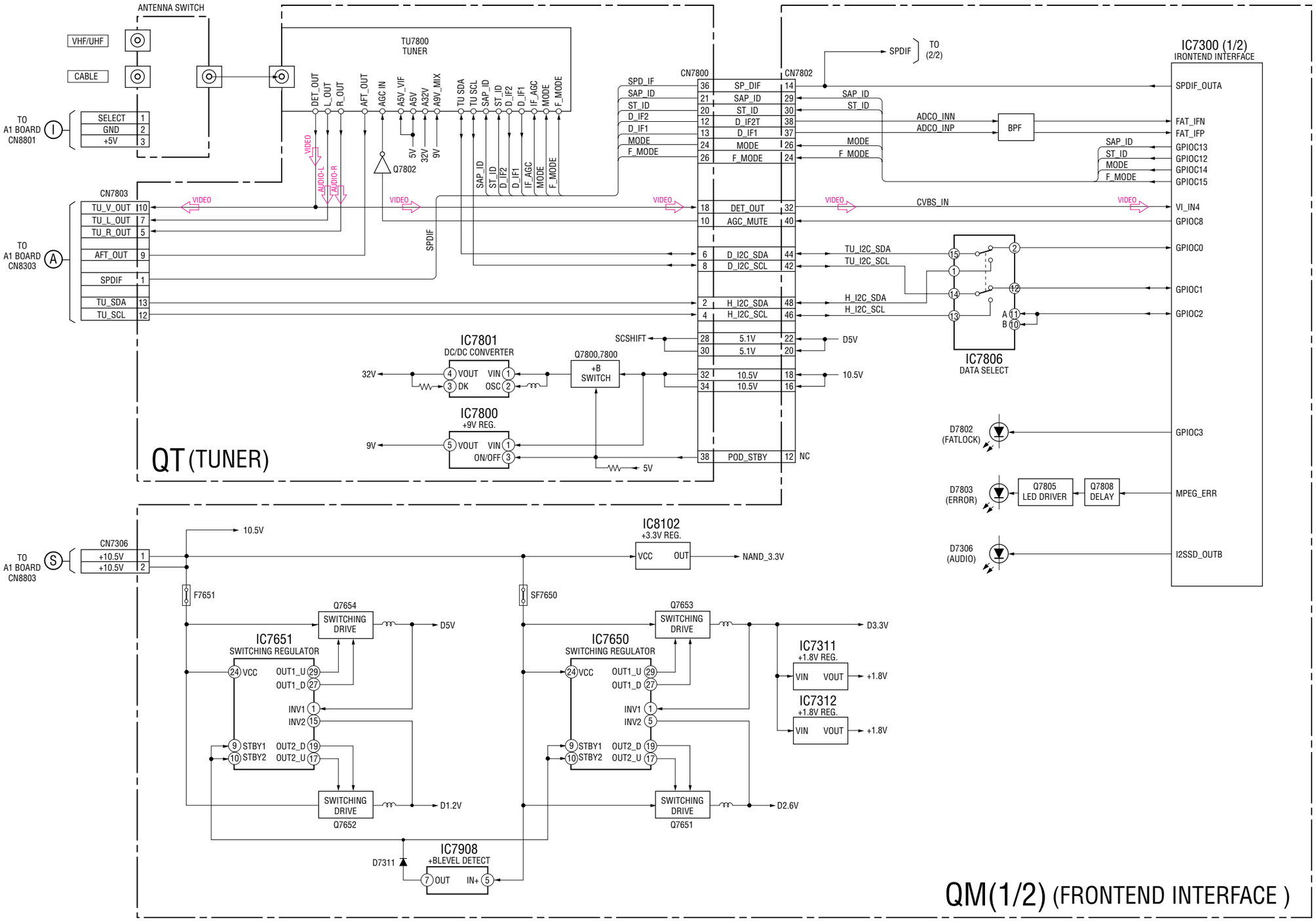

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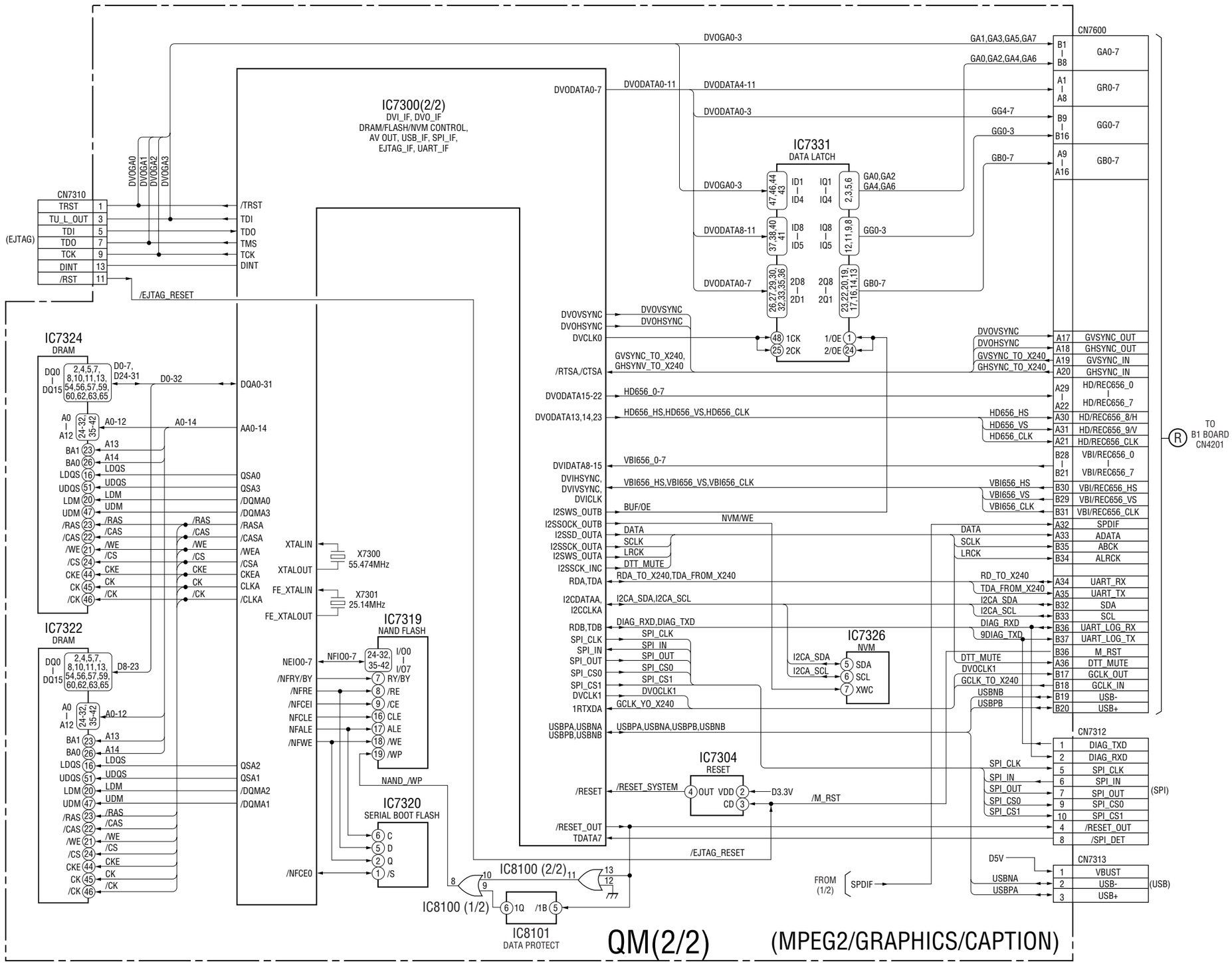

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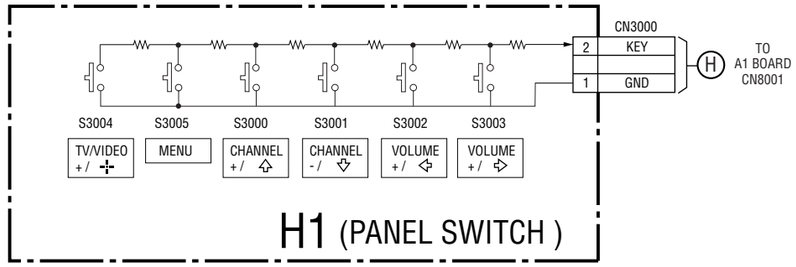
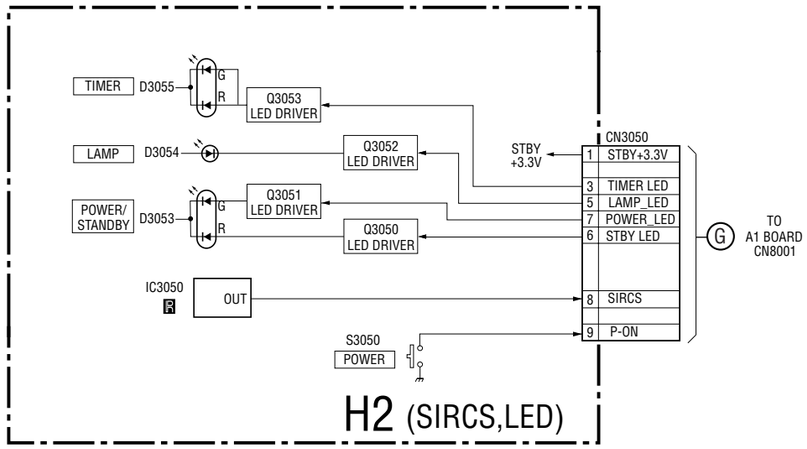
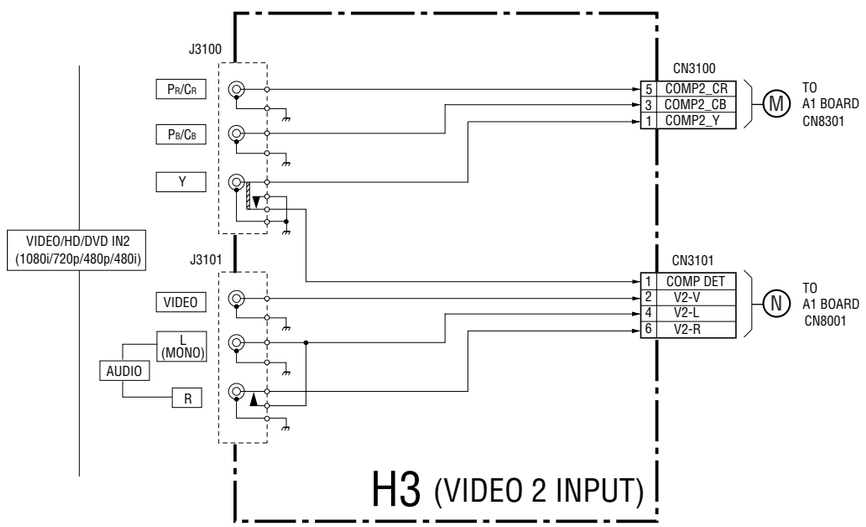
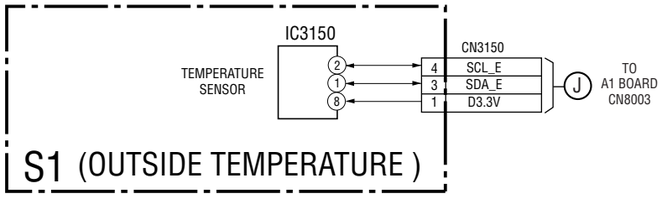
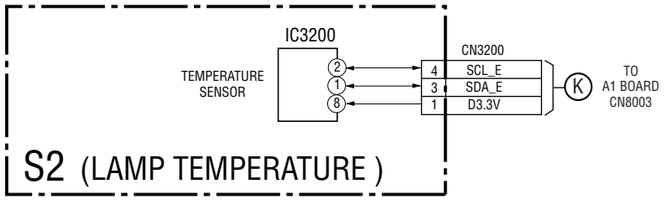
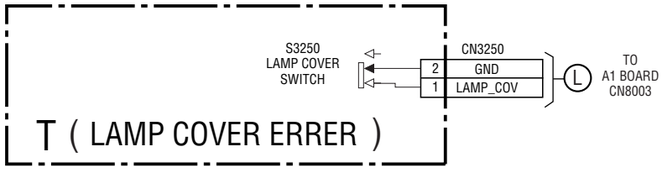




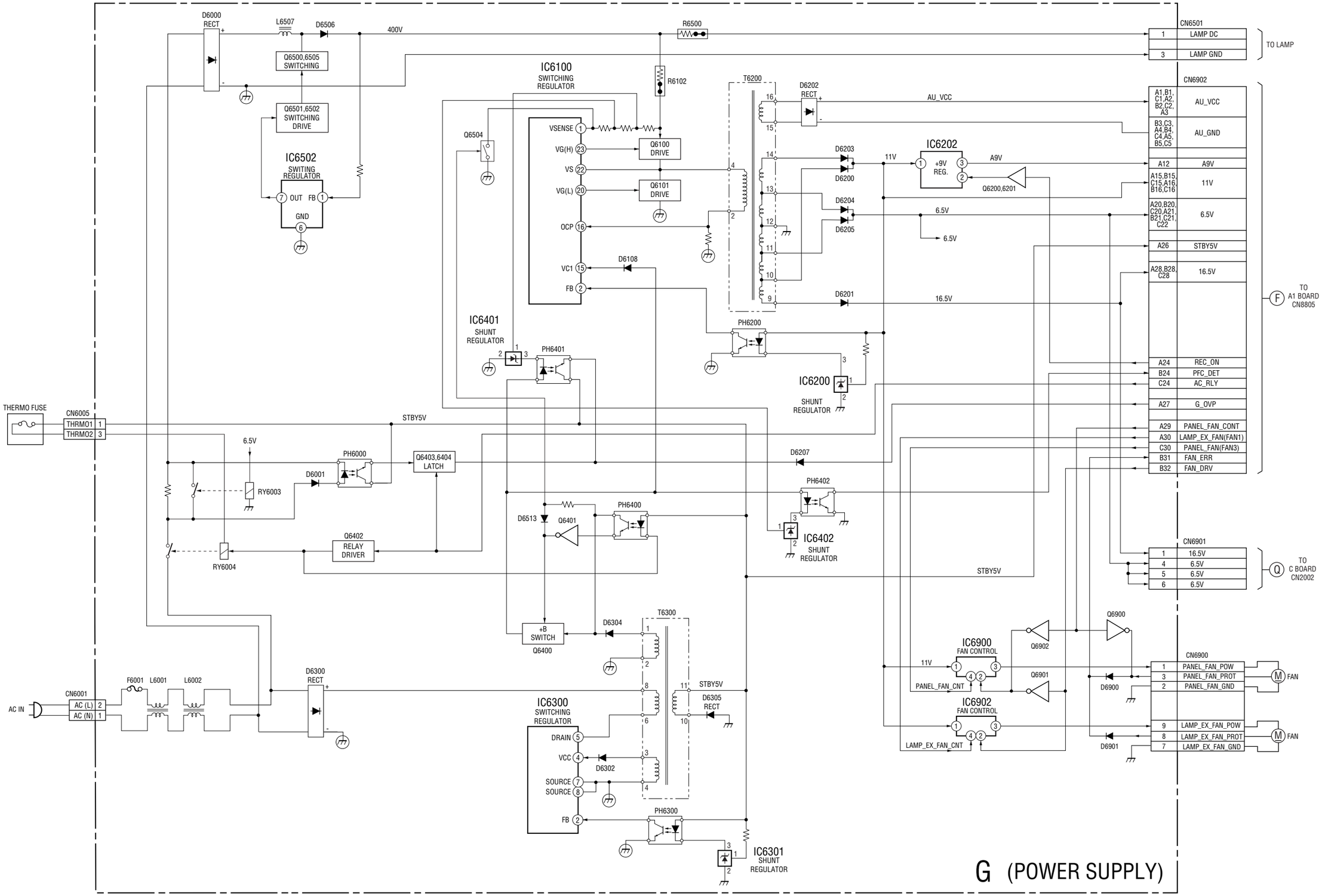




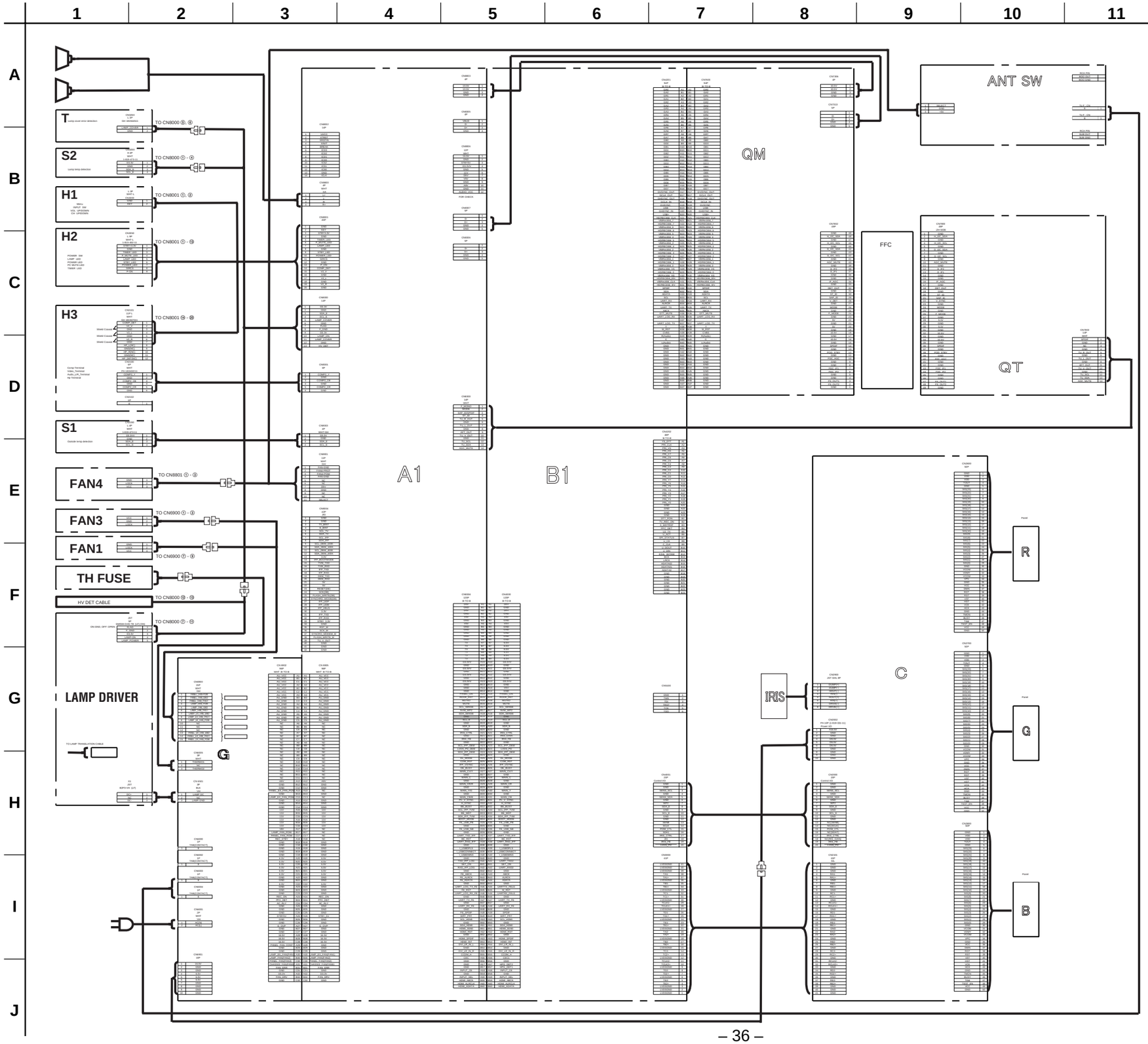




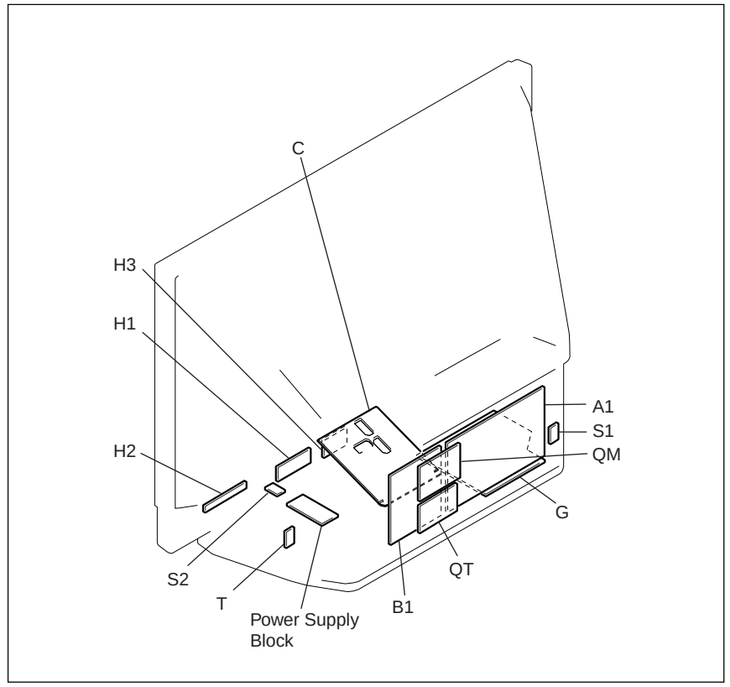
BLOCK DIAGRAM (10)



4-2. FRAME SCHEMATIC DIAGRAM



4-3. CIRCUIT BOARDS LOCATION



4-4. SCHEMATIC DIAGRAMS

Note:

- The parts marked "#" on schematic diagrams are not mounted.
- All capacitors are in µF unless otherwise noted. (pF: µµF) Capacitors without voltage indication are all 50 V.
- Indication of resistance, which does not have one for rating electrical power, is as follows.

  Pitch: 5 mm
  Rating electrical power 1/4 W (CHIP : 1/10 W)

- All resistors are in ohms.
- : nonflammable resistor.
- : fusible resistor.
- : internal component.
- : panel designation, and adjustment for repair.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- : earth-ground.
- : earth-chassis.
- All voltages are in V.
- Readings are taken with a 10 MΩ digital multimeter.
- Readings are taken with a color-bar signal input.
- Voltage variations may be noted due to normal production tolerances.
- ∗ : Can not be measured.
- Circled numbers are waveform references.
- : B + bus.
- : B – bus.
- : Signal path.

Reference information

RESISTOR	: RN	METAL FILM
	: RC	SOLID
	: FPRD	NONFLAMMABLE CARBON
	: FUSE	NONFLAMMABLE FUSIBLE
	: RW	NONFLAMMABLE WIREWOUND
	: RS	NONFLAMMABLE METAL OXIDE
	: RB	NONFLAMMABLE CEMENT
COIL	: LF-8L	MICRO INDUCTOR
CAPACITOR	: TA	TANTALUM
	: PS	STYROL
	: PP	POLYPROPYLENE
	: PT	MYLAR
	: MPS	METALIZED POLYESTER
	: MPP	METALIZED POLYPROPYLENE
	: ALB	BIPOLAR
	: ALT	HIGH TEMPERATURE
	: ALR	HIGH RIPPLE

Note: The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

Note: Les composants identifies par une trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

The components identified by mark 🔒 contain confidential information.
Strictly follow the instructions whenever the components are repaired and/or replaced.

Les composants identifiés par la marque 🔒 contiennent des informations confidentielles.
Suivre scrupuleusement les instructions chaque fois qu'un composant est remplacé et/ou réparé.

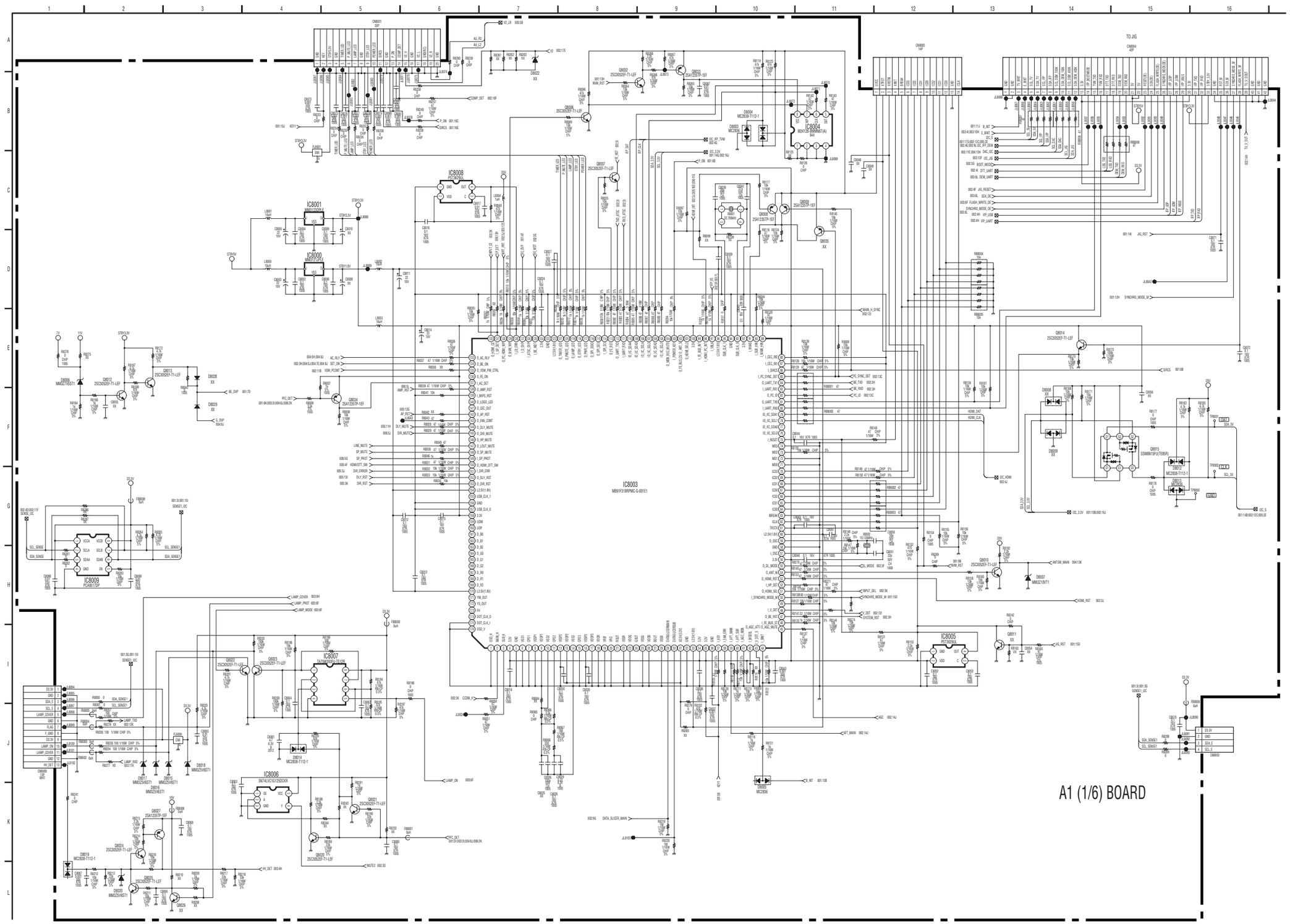
Terminal name of semiconductors in silk screen printed circuit (∗)

	Device	Printed symbol	Terminal name	Circuit
①	Transistor	T	Collector / Base / Emitter	
②	Transistor	—	Collector / Base / Emitter	
③	Diode		Cathode / Anode	
④	Diode	T	Cathode / Anode / (NC)	
⑤	Diode	—	Cathode / Anode (NC)	
⑥	Diode	T	Common / Anode / Cathode	
⑦	Diode	—	Common / Anode Cathode	
⑧	Diode	T	Common / Anode / Anode	
⑨	Diode	—	Common / Anode Anode	
⑩	Diode	T	Common / Cathode / Cathode	
⑪	Diode	—	Common / Cathode Cathode	
⑫	Diode	∣	Anode Cathode / Anode Anode / Cathode Anode	
⑬	Transistor (FET)	∣	Drain / Source / Gate	
⑭	Transistor (FET)	⊢	Drain / Source / Gate	
⑮	Transistor (FET)	∣	Source / Drain / Gate	
⑯	Transistor	∣	Emitter / Collector / Base	
⑰	Transistor	⊣⊢	C2 B1 E1 / E2 B2 C1	
⑱	Transistor	⊣⊢	C1 B2 E2 / E1 B1 C2	
⑲	Transistor	▬	C1 B2 E2 / E1 B1 C2	
⑳	Transistor	▬	C1 B2 E2 / E1 B1 C2	
㉑	Transistor	▬	E2 B1 E1 / C2 C1(B2)	
㉒	Transistor	▬	(B2) B1 E1 E2 / C1 C2	
㉓	Transistor	▬	(B2) E2 E1 B1 / C2 C1	
–	Discrete semiconductot			

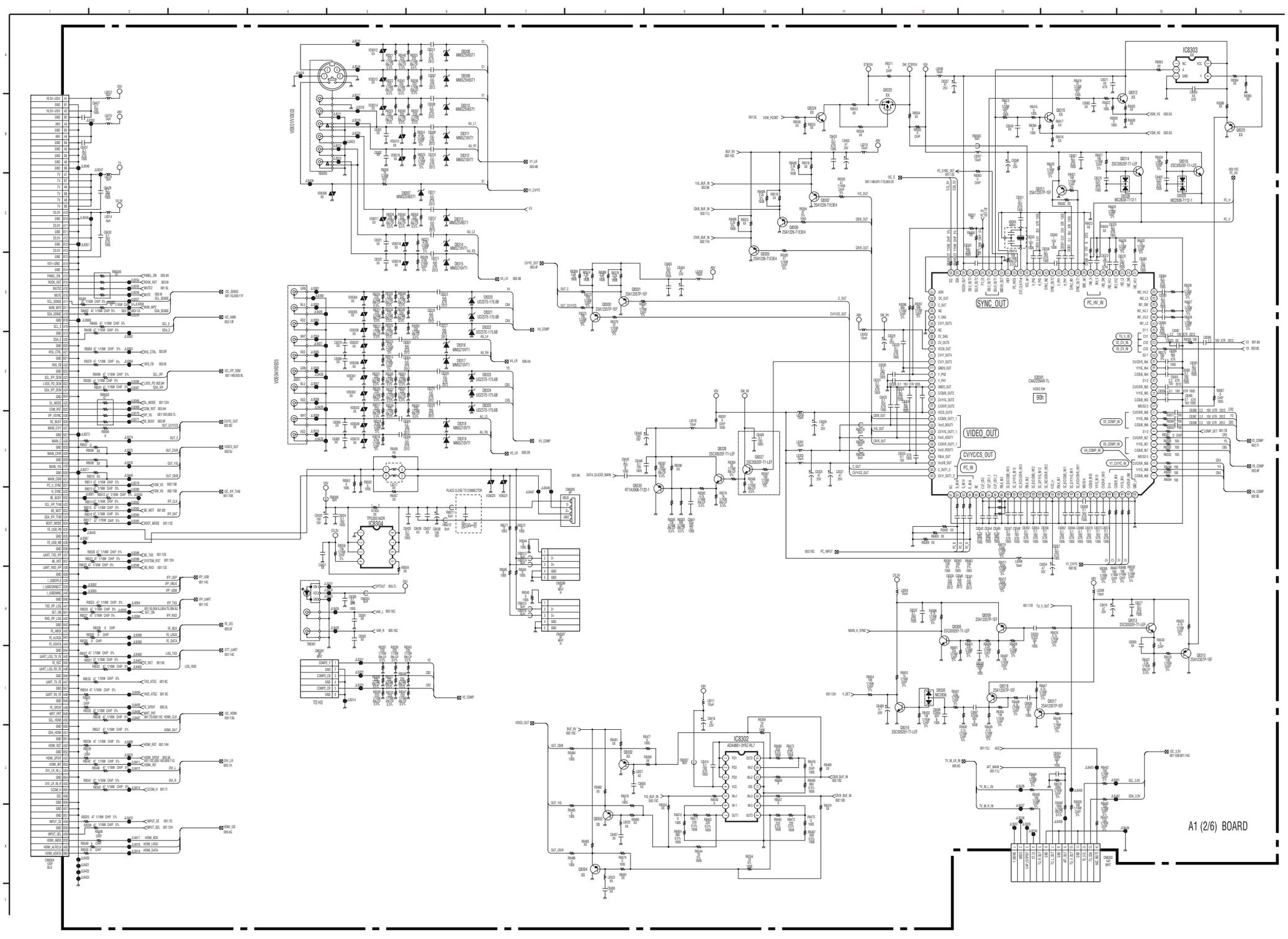
(Chip semiconductors that are not actually used are included.)

Ver.1.5

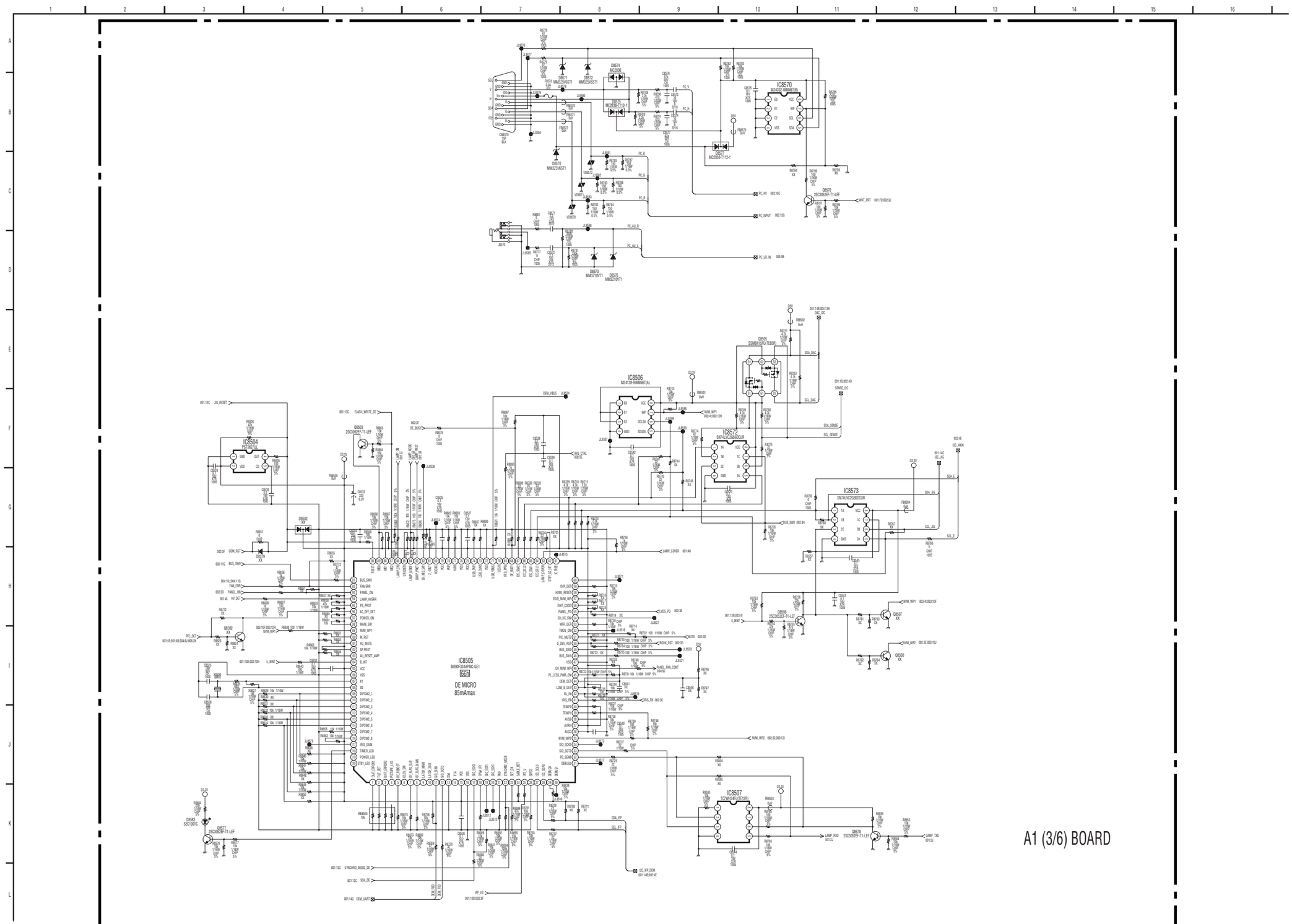
(1) Schematic Diagram of A1 (1/6) Board



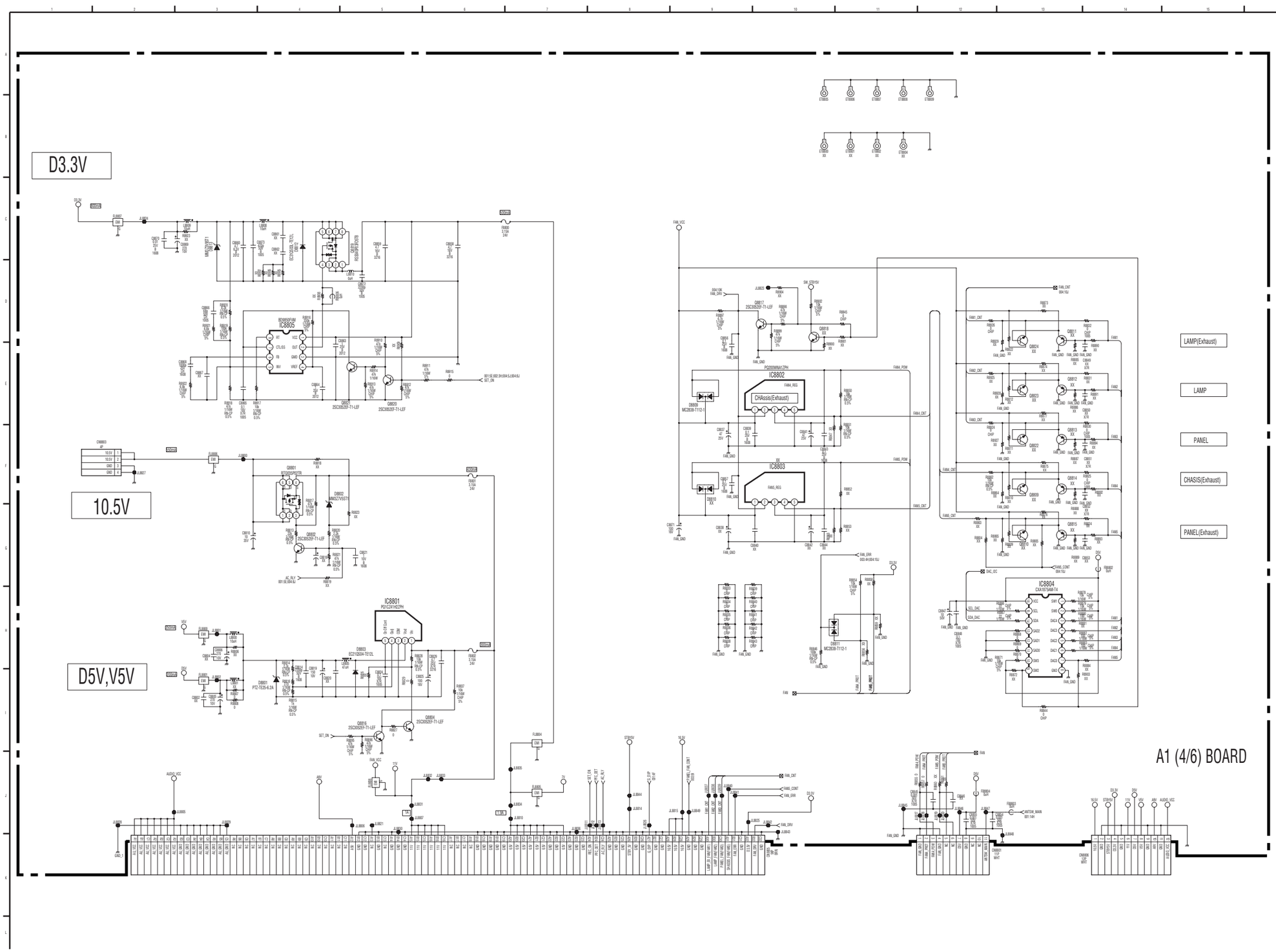
(2) Schematic Diagram of A1 (2/6) Board



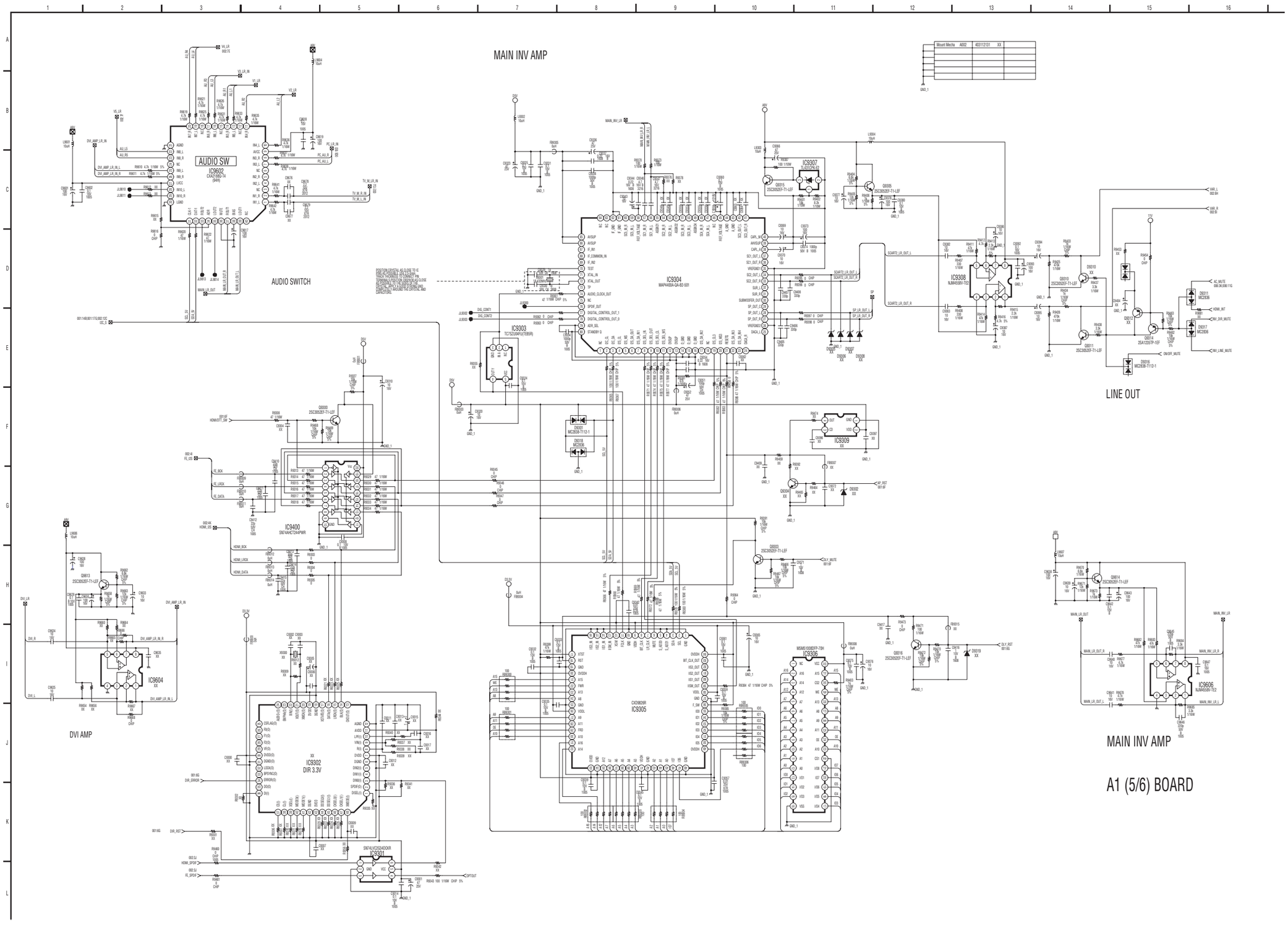
(3) Schematic Diagram of A1 (3/6) Board



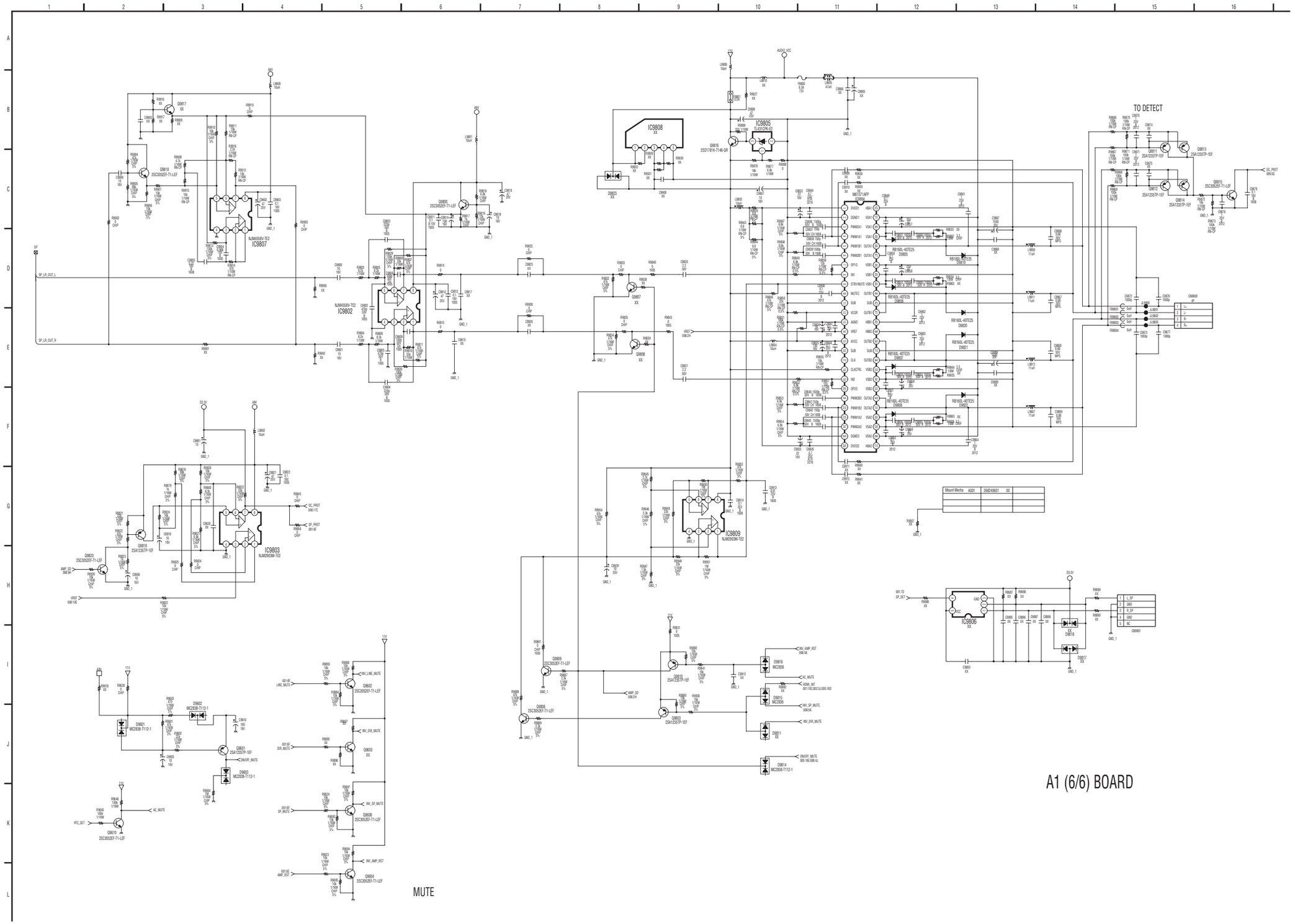
(4) Schematic Diagram of A1 (4/6) Board



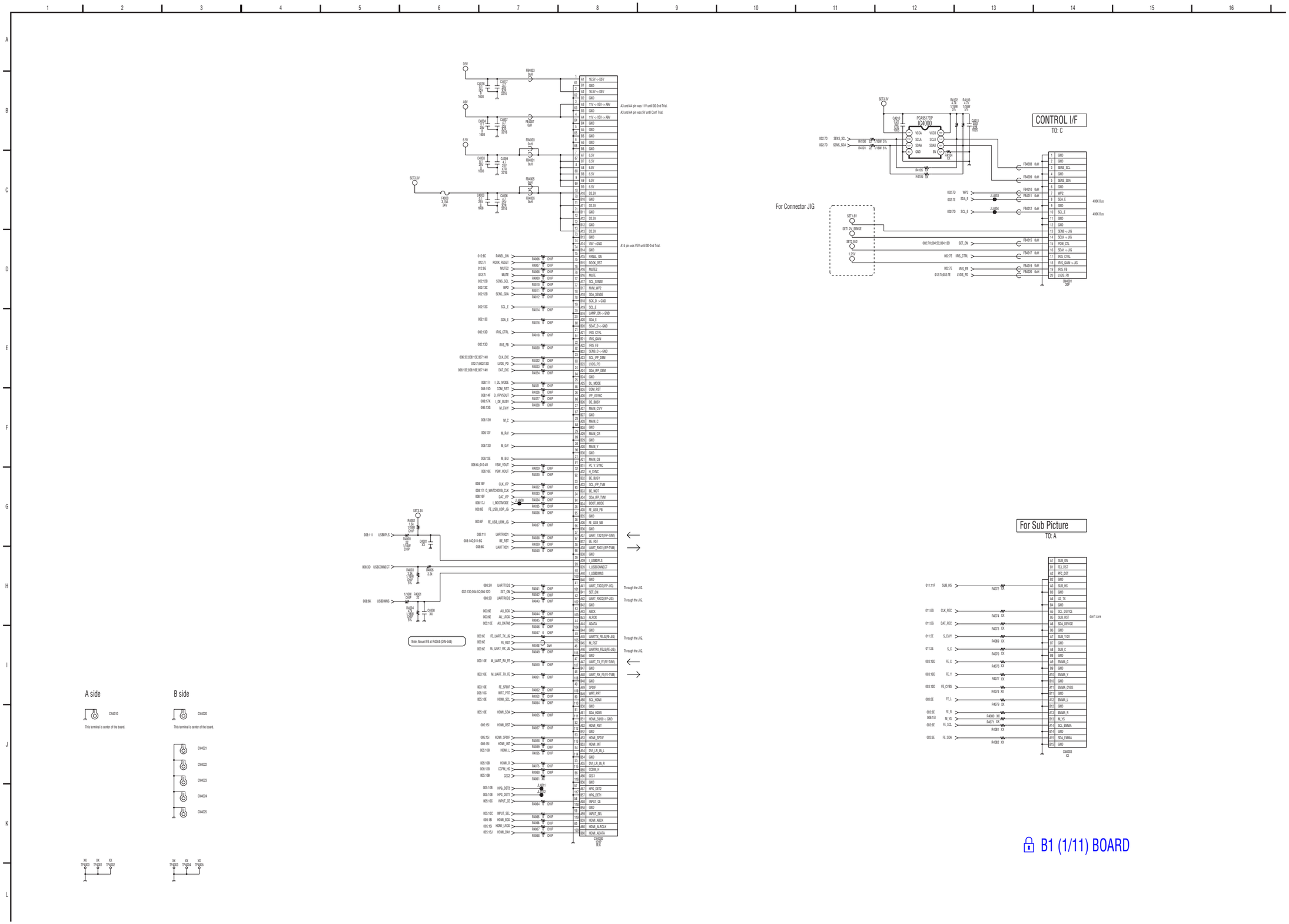
(5) Schematic Diagram of A1 (5/6) Board



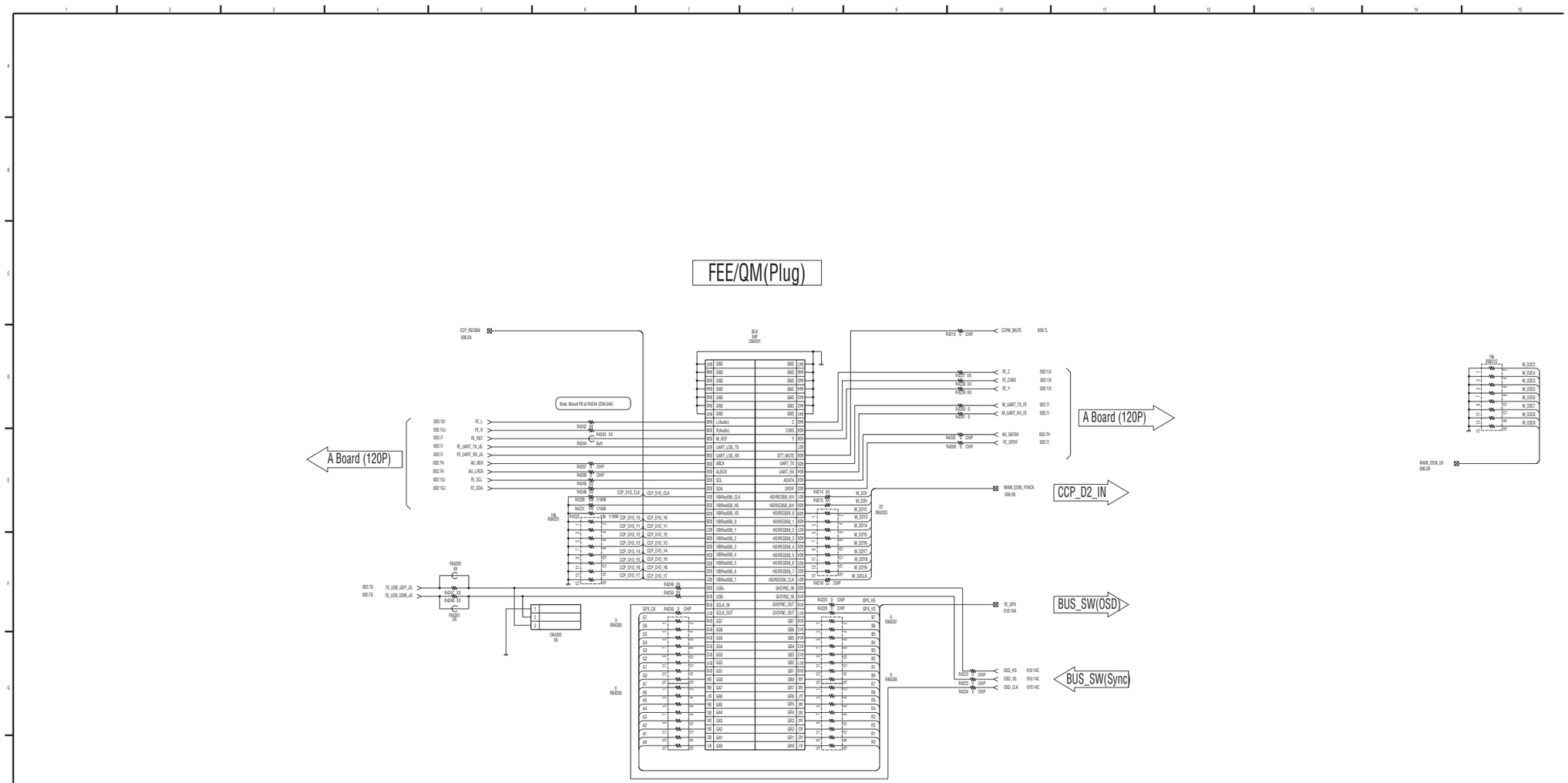
(6) Schematic Diagram of A1 (6/6) Board



(7) Schematic Diagram of B1 (1/11) Board

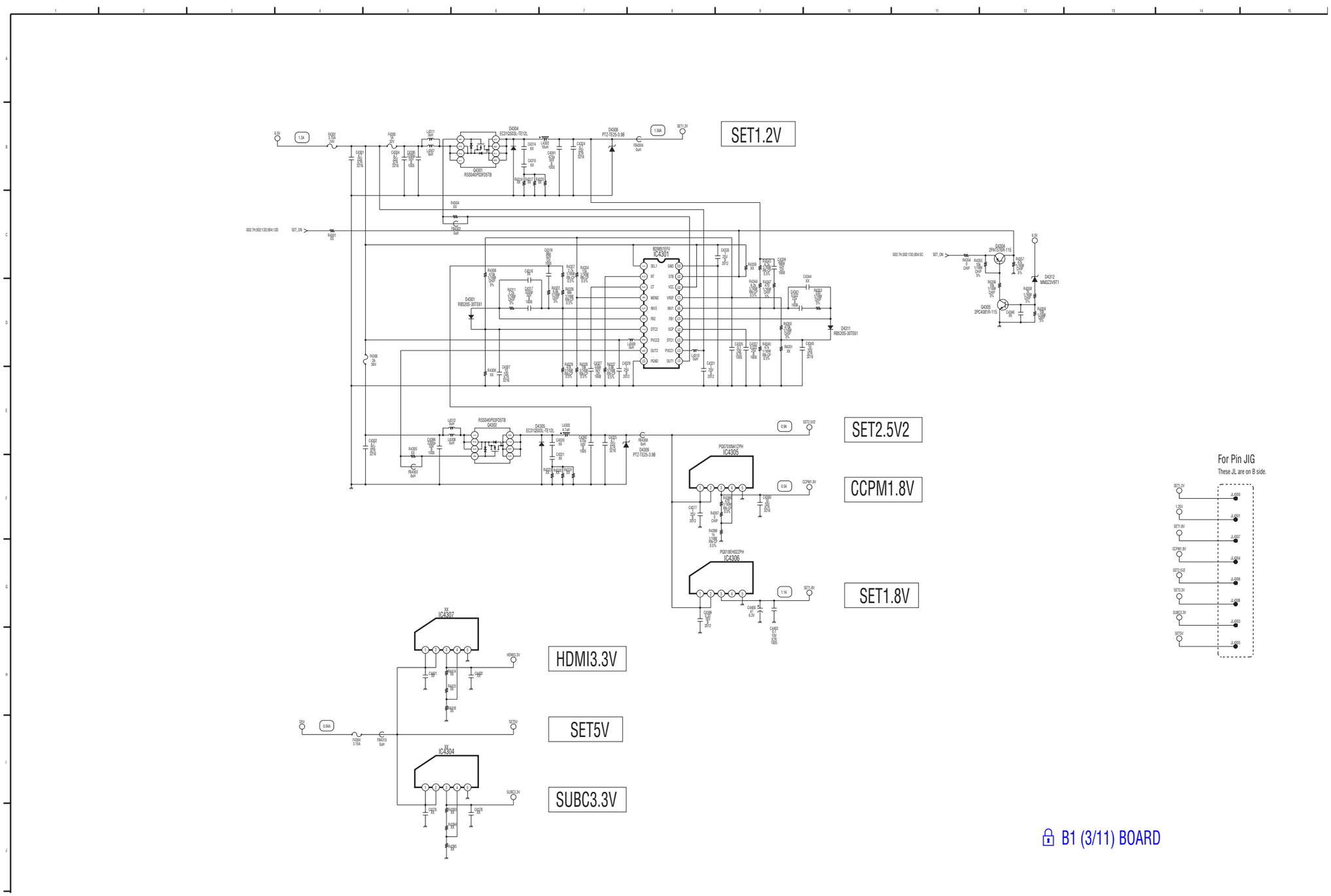


(8) Schematic Diagram of B1 (2/11) Board

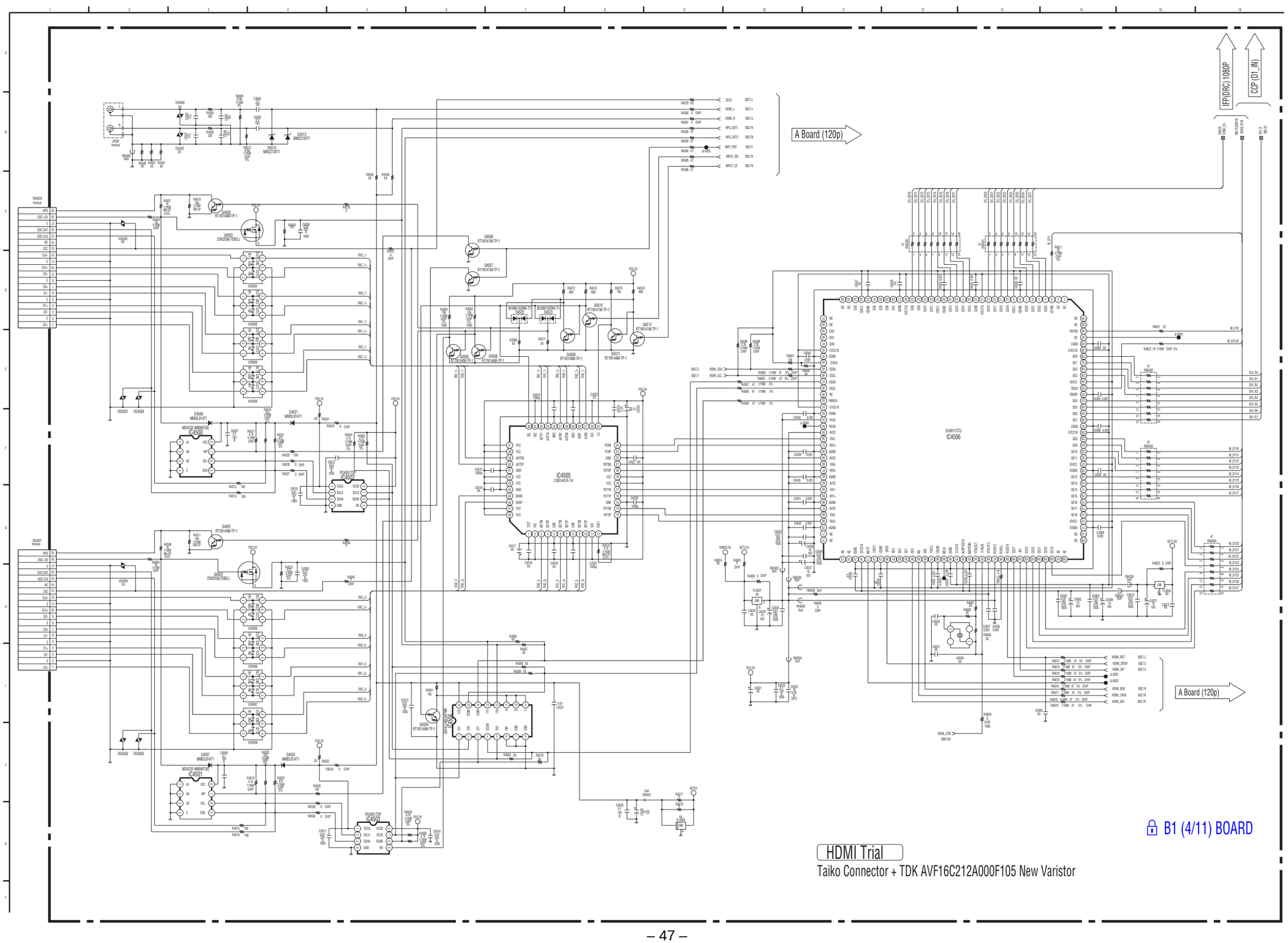


B1 (2/11) BOARD

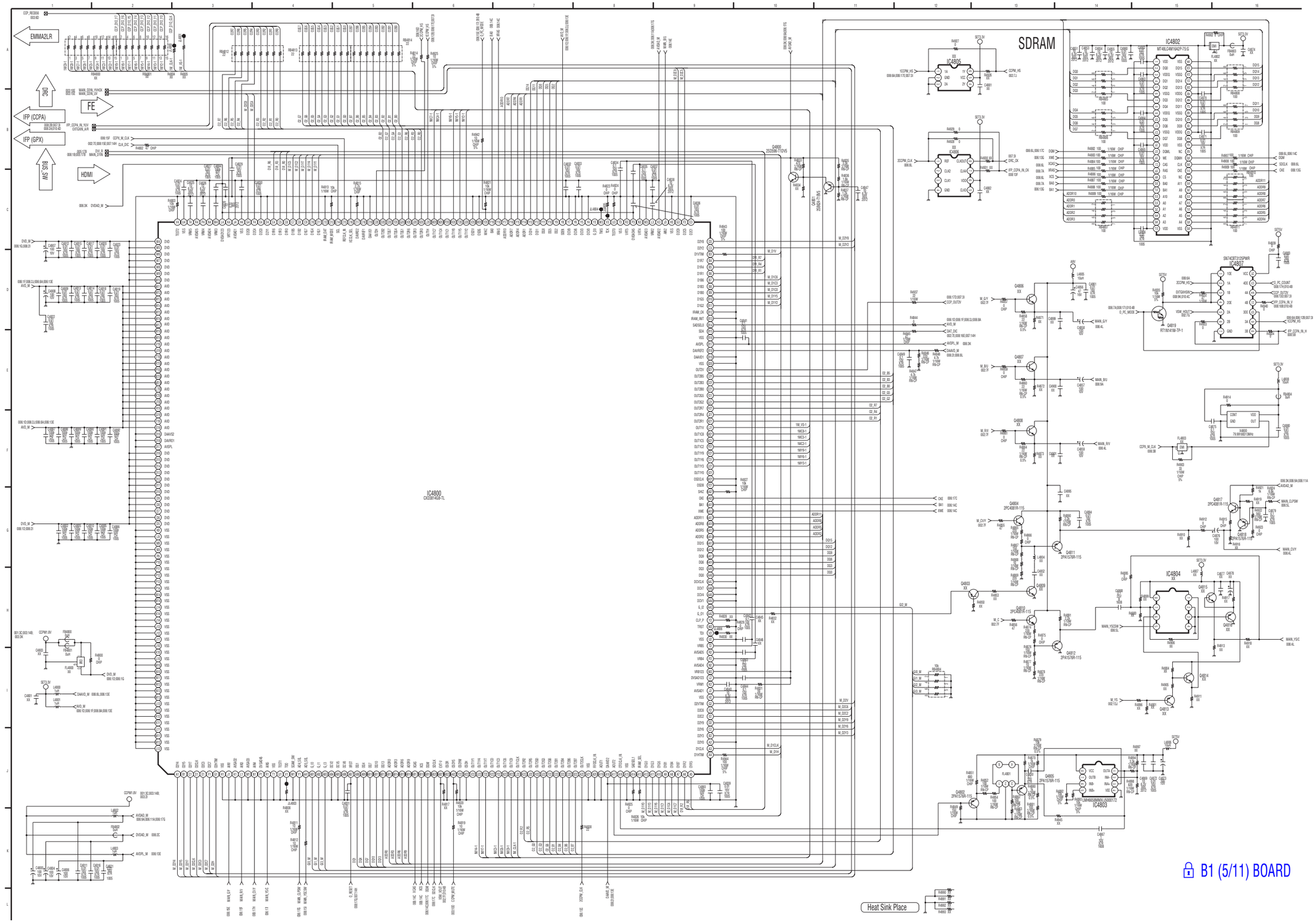
(9) Schematic Diagram of B1 (3/11) Board



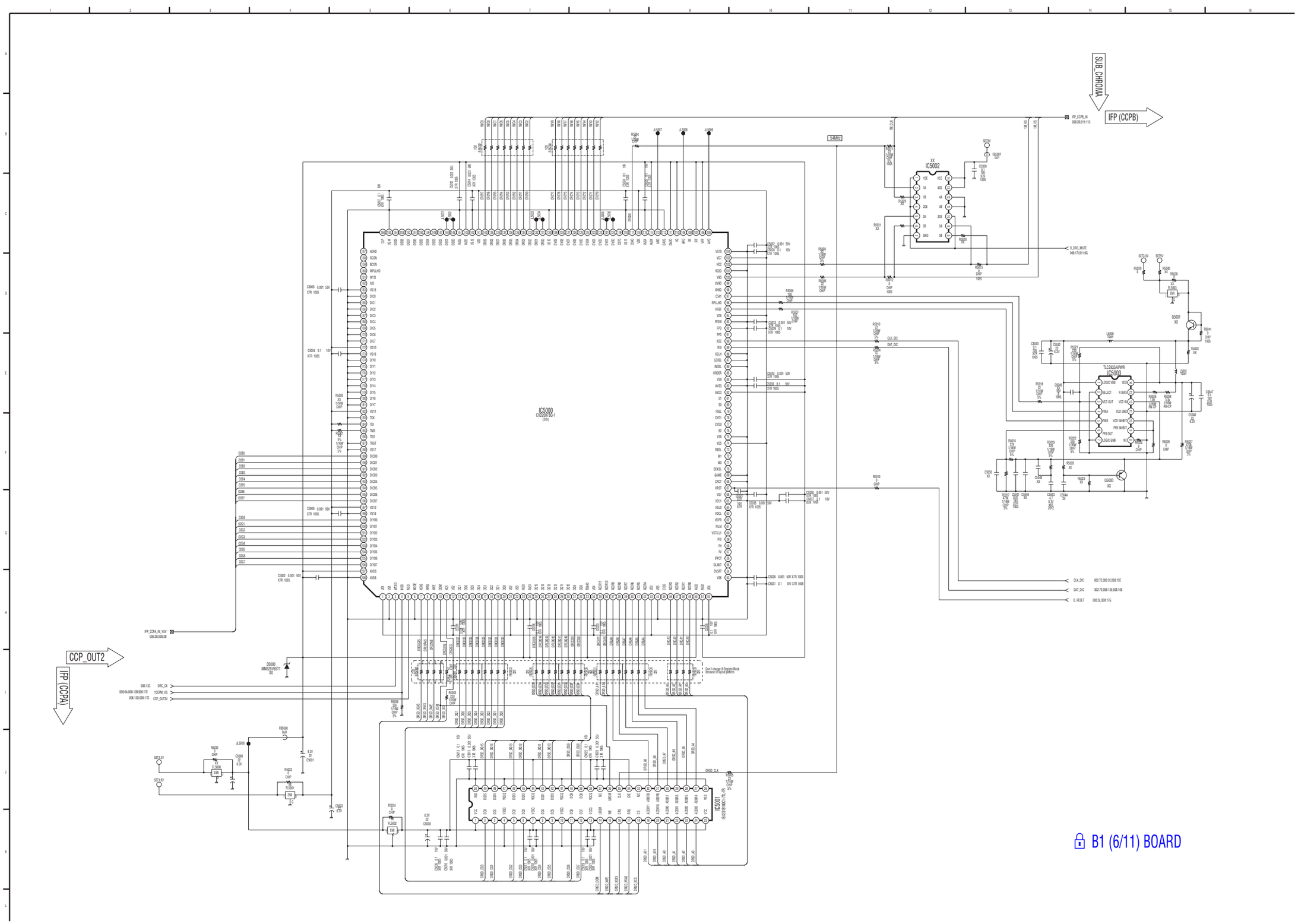
(10) Schematic Diagram of B1 (4/11) Board



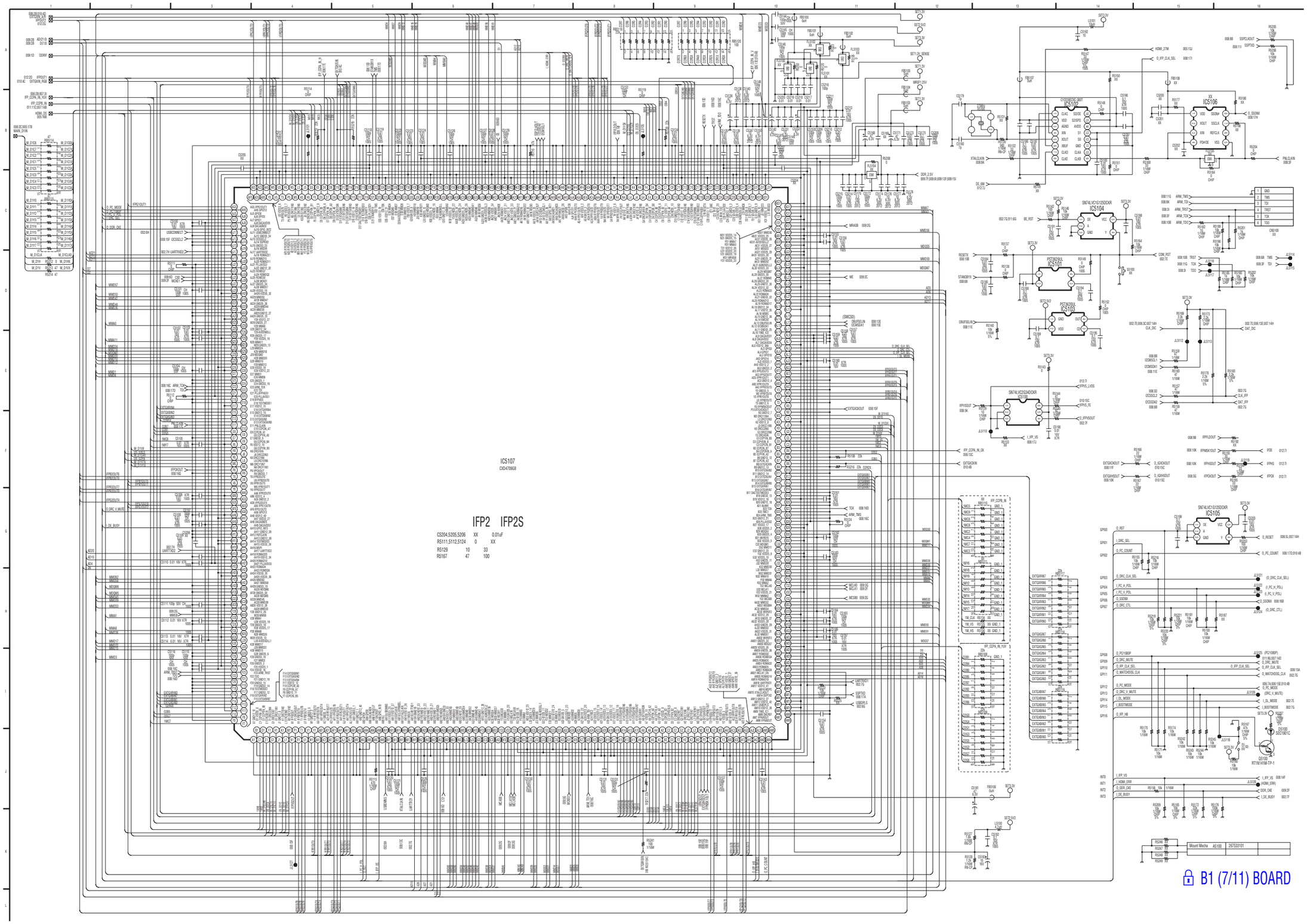
(11) Schematic Diagram of B1 (5/11) Board



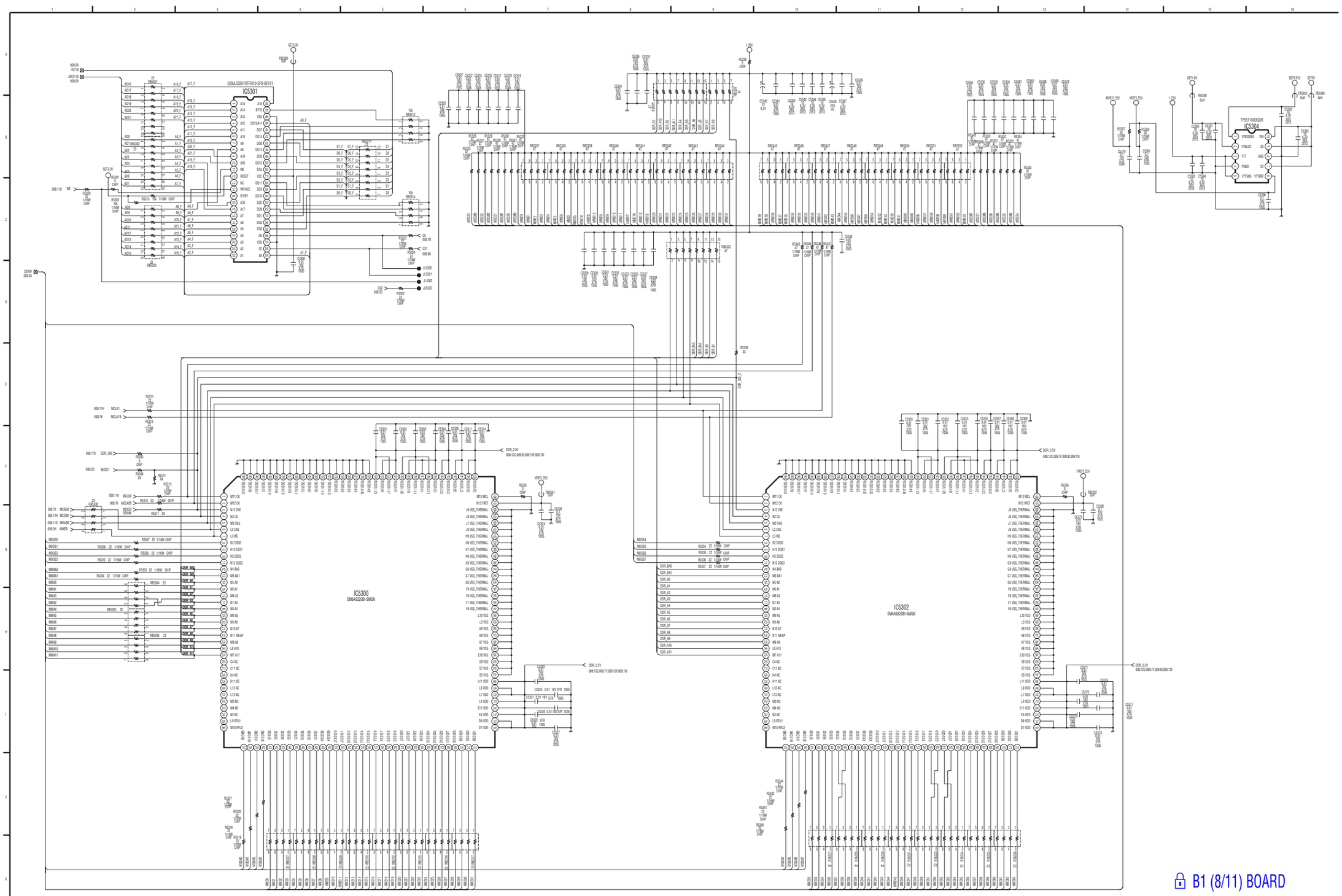
(12) Schematic Diagram of B1 (6/11) Board



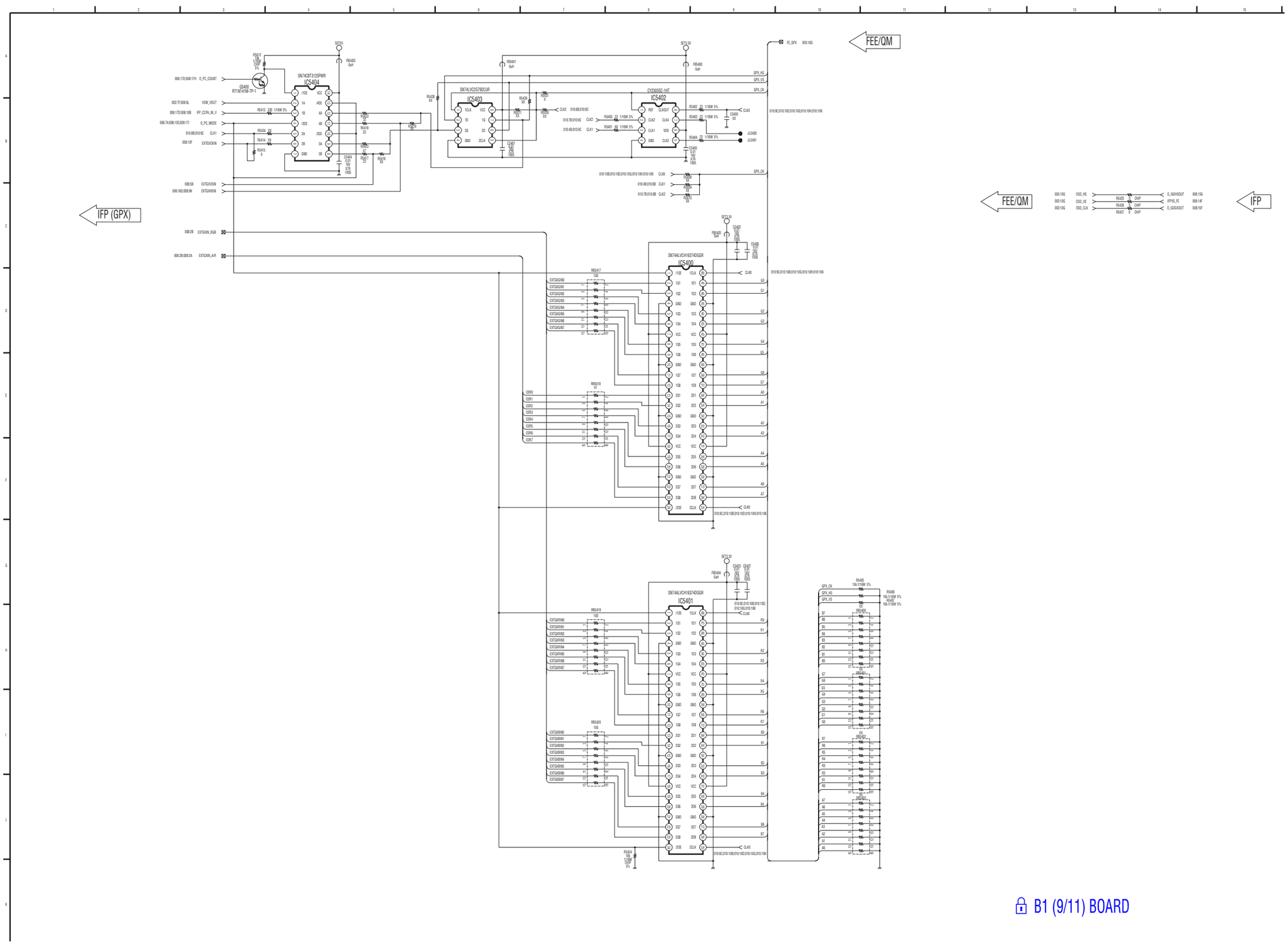
(13) Schematic Diagram of B1 (7/11) Board



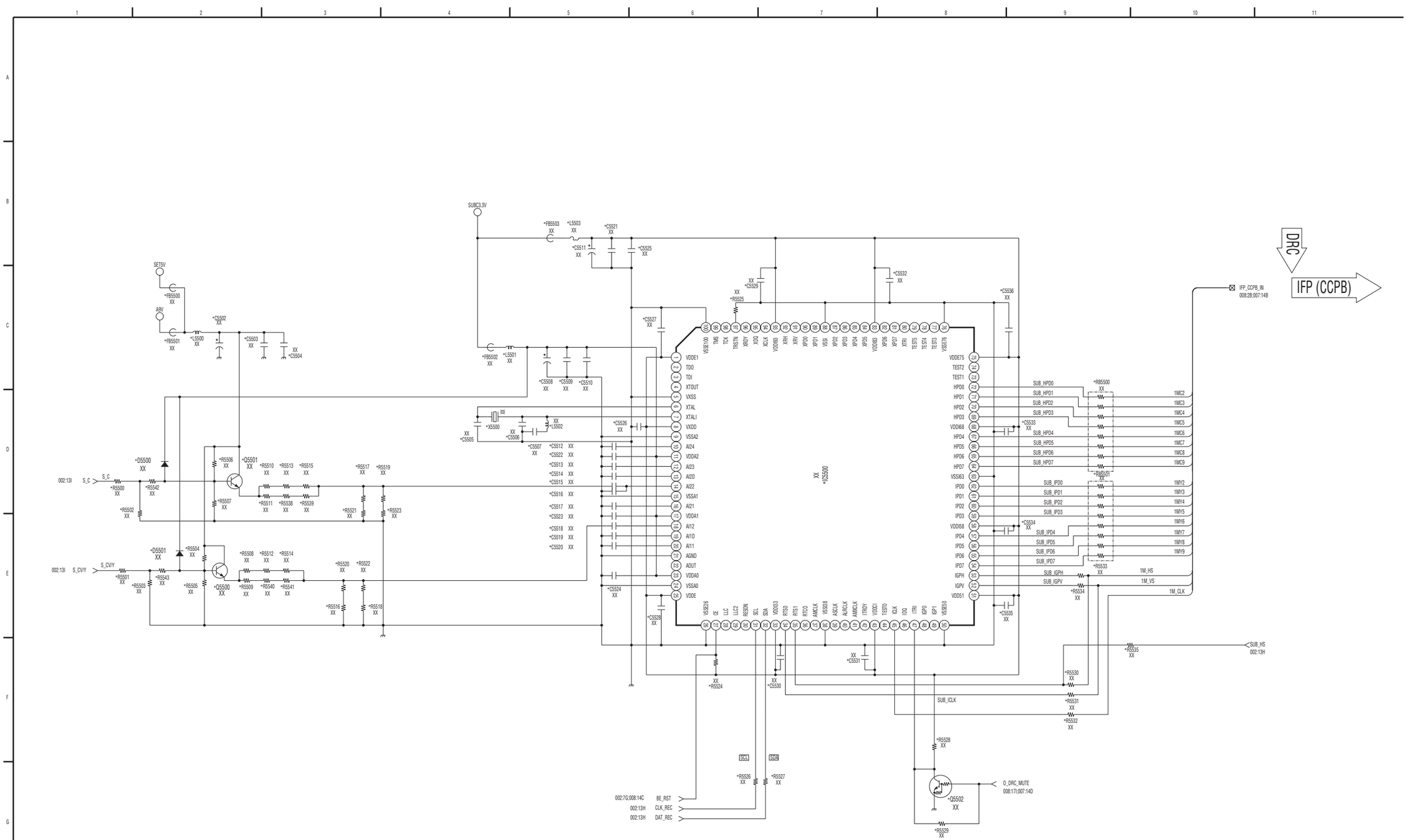
(14) Schematic Diagram of B1 (8/11) Board



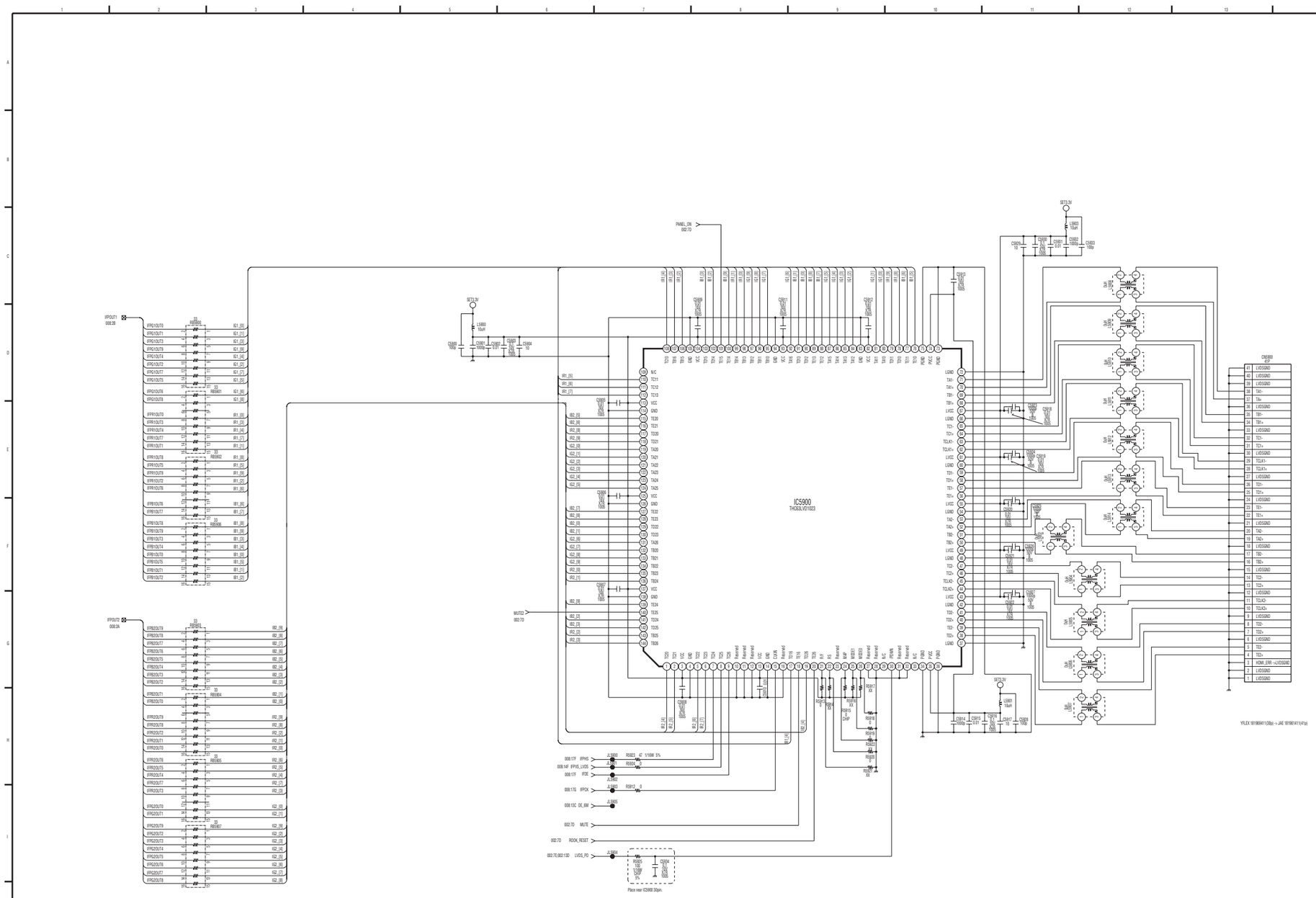
(15) Schematic Diagram of B1 (9/11) Board



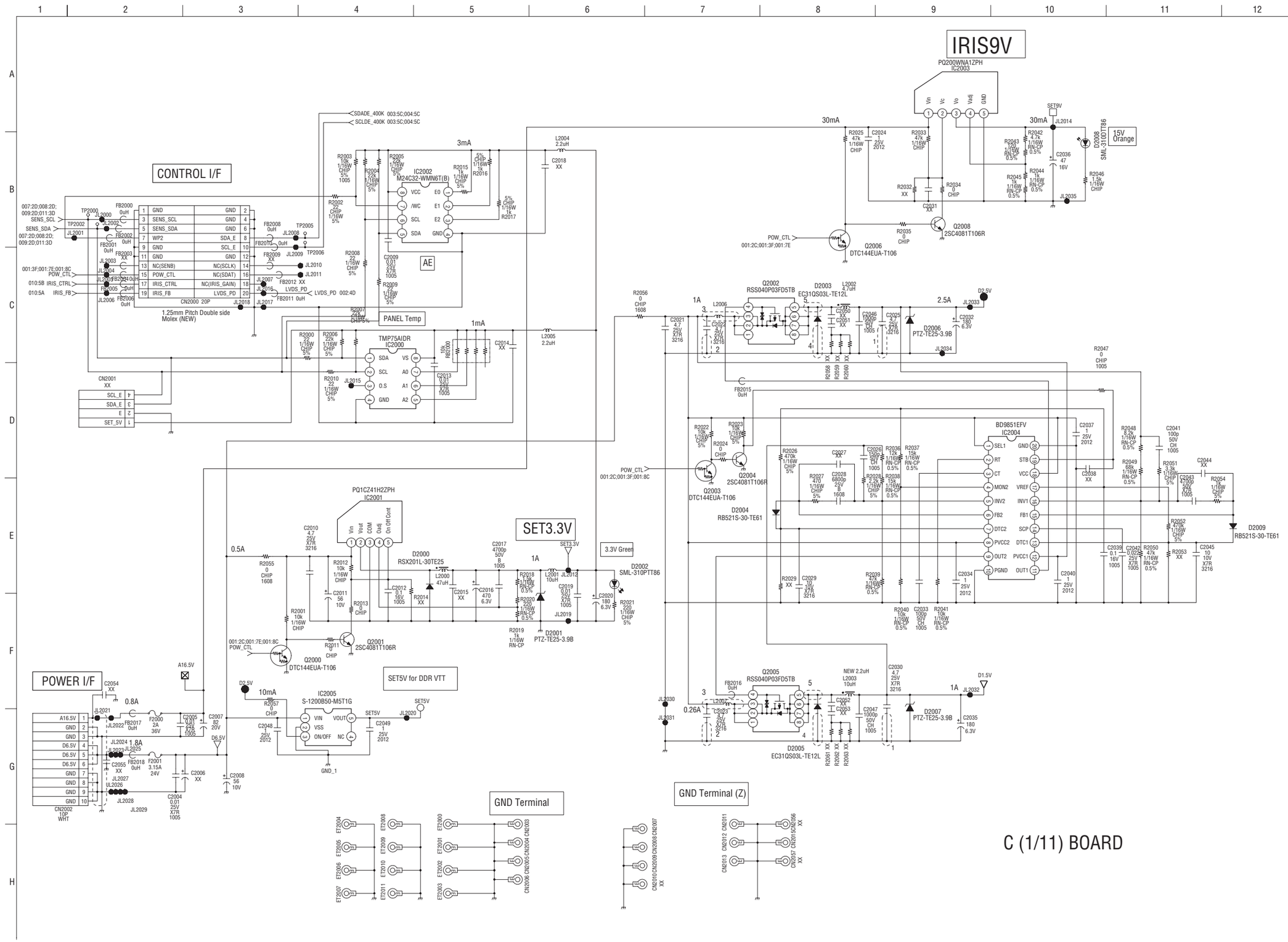
(16) Schematic Diagram of B1 (10/11) Board



(17) Schematic Diagram of B1 (11/11) Board

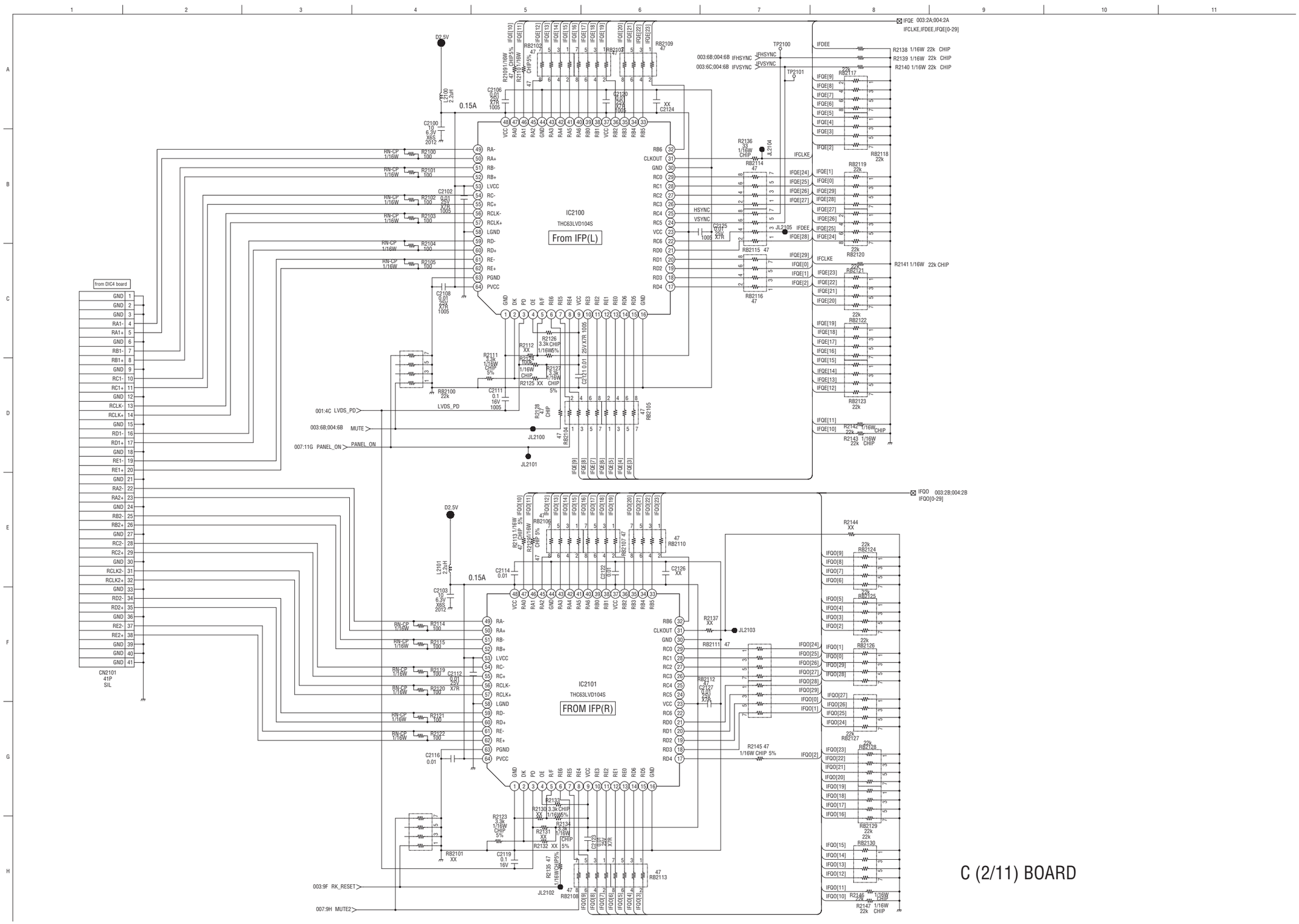


(18) Schematic Diagram of C (1/11) Board



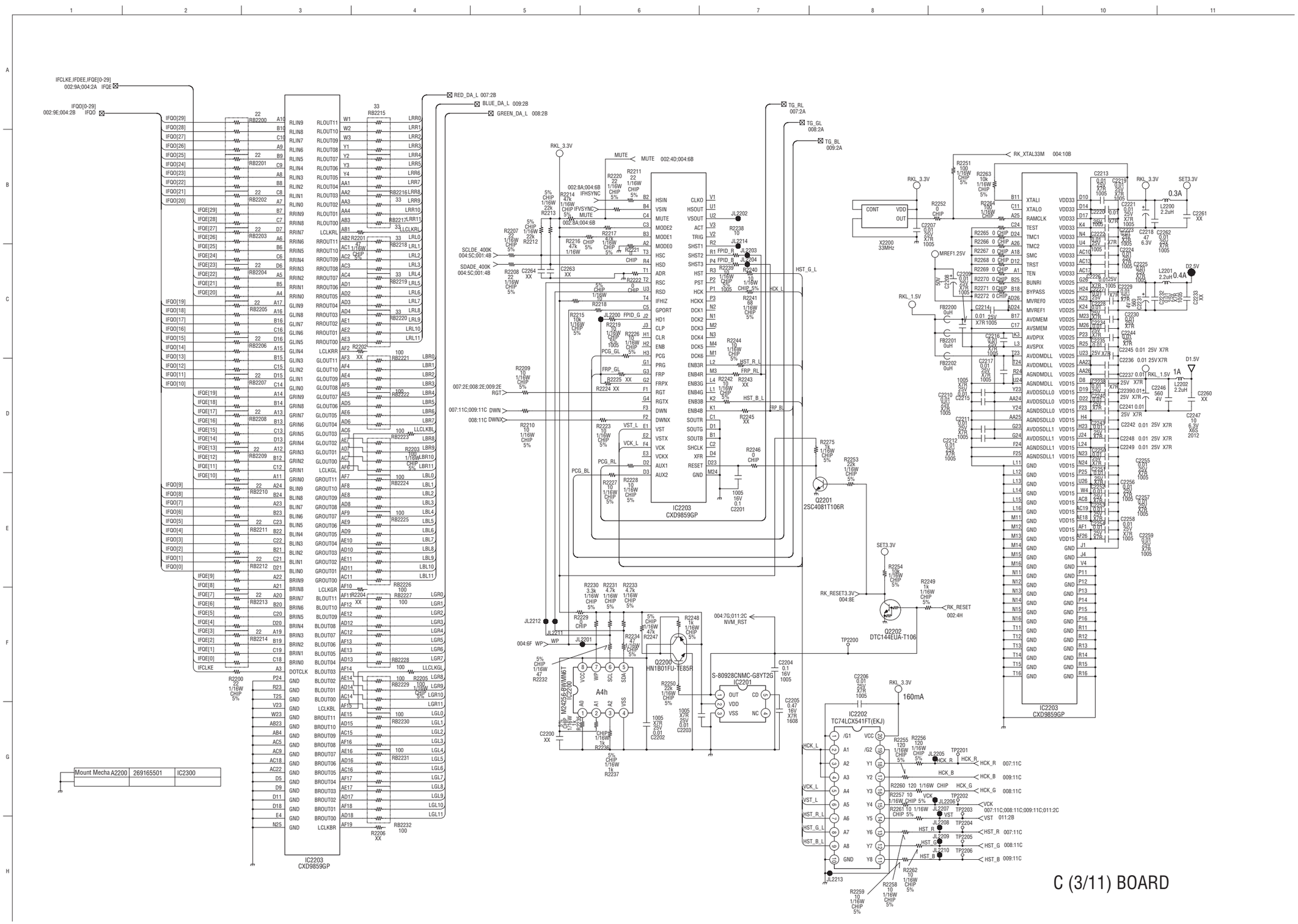
C (1/11) BOARD

(19) Schematic Diagram of C (2/11) Board

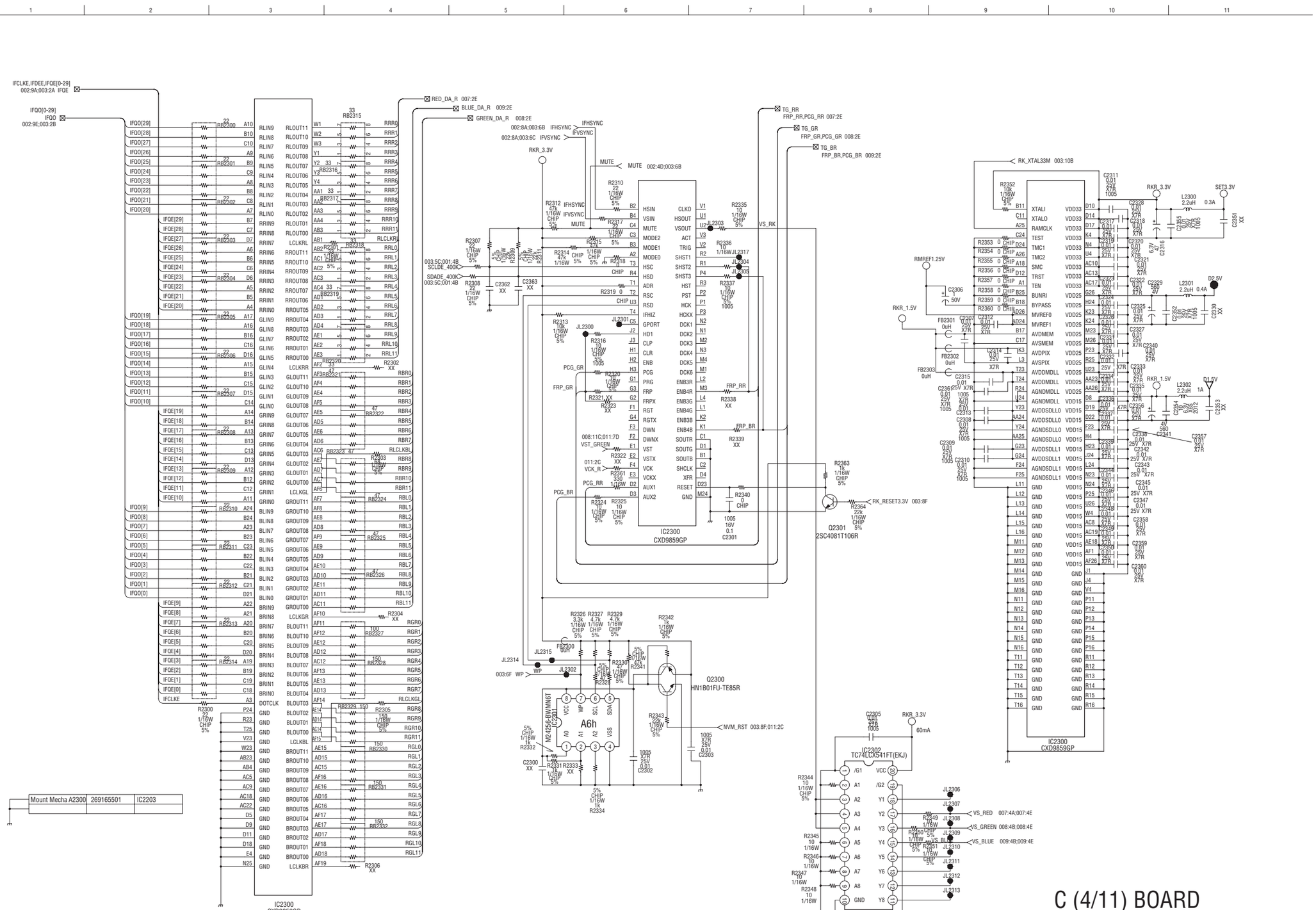


C (2/11) BOARD

(20) Schematic Diagram of C (3/11) Board

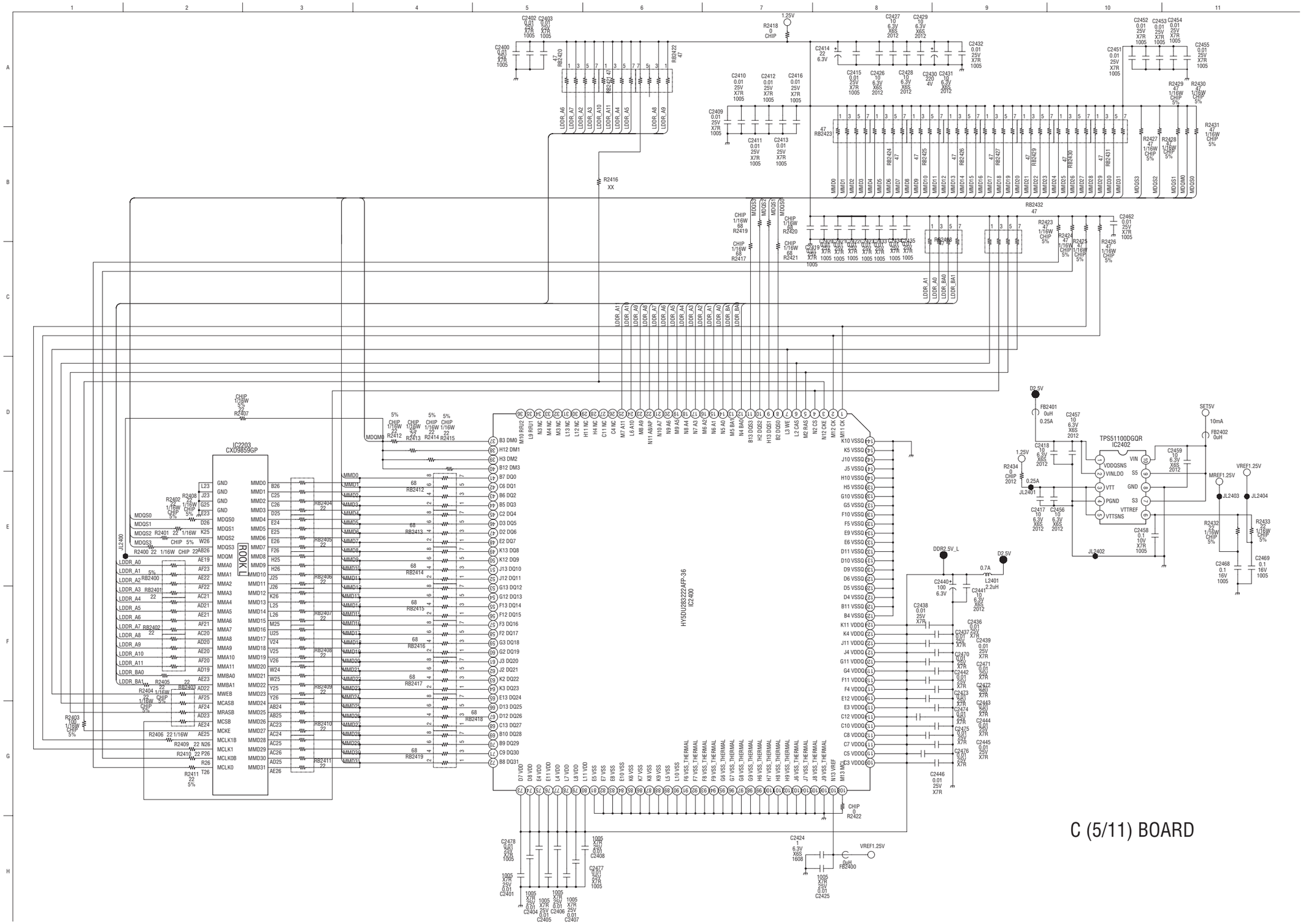


(21) Schematic Diagram of C (4/11) Board

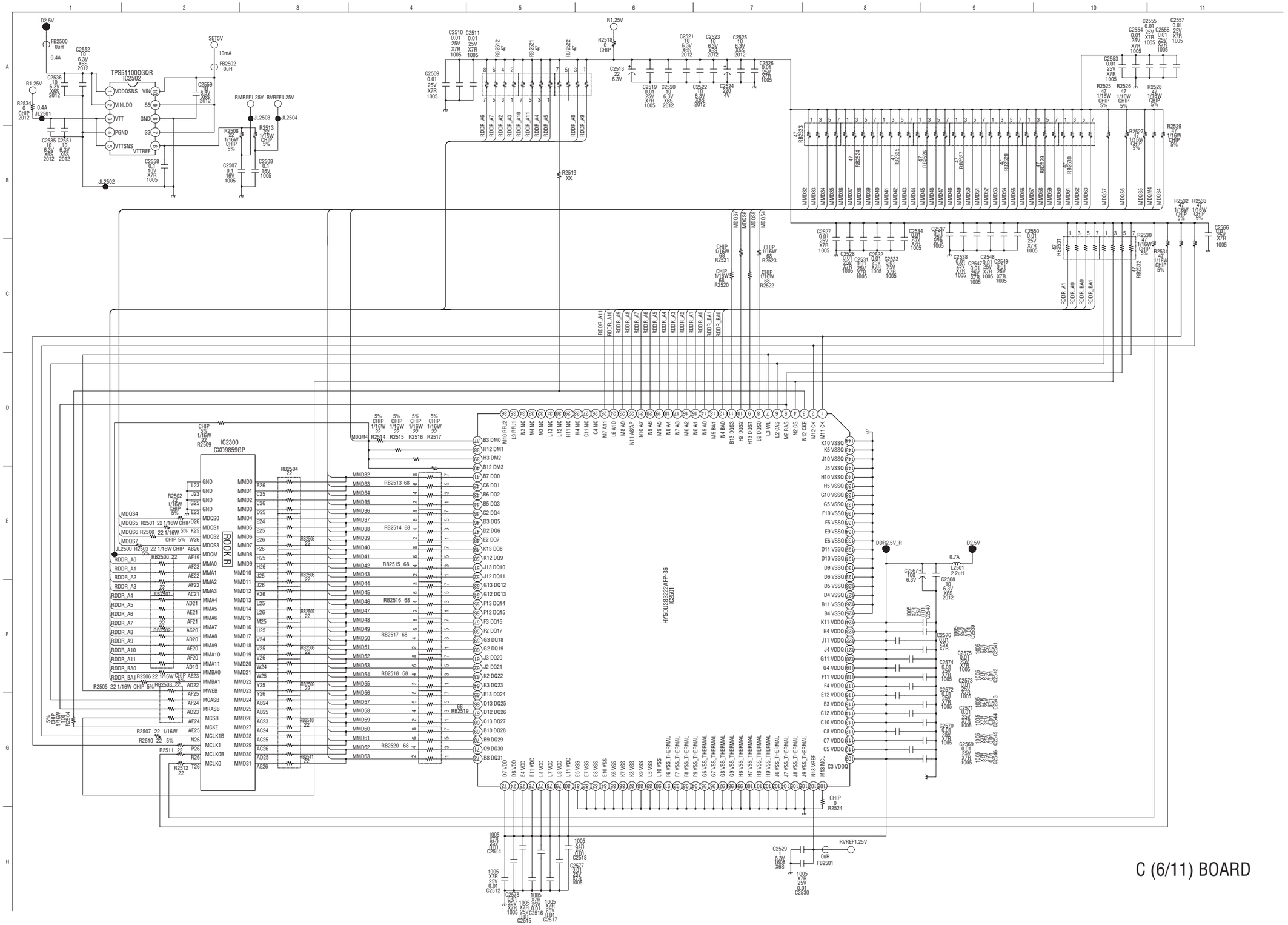


C (4/11) BOARD

(22) Schematic Diagram of C (5/11) Board

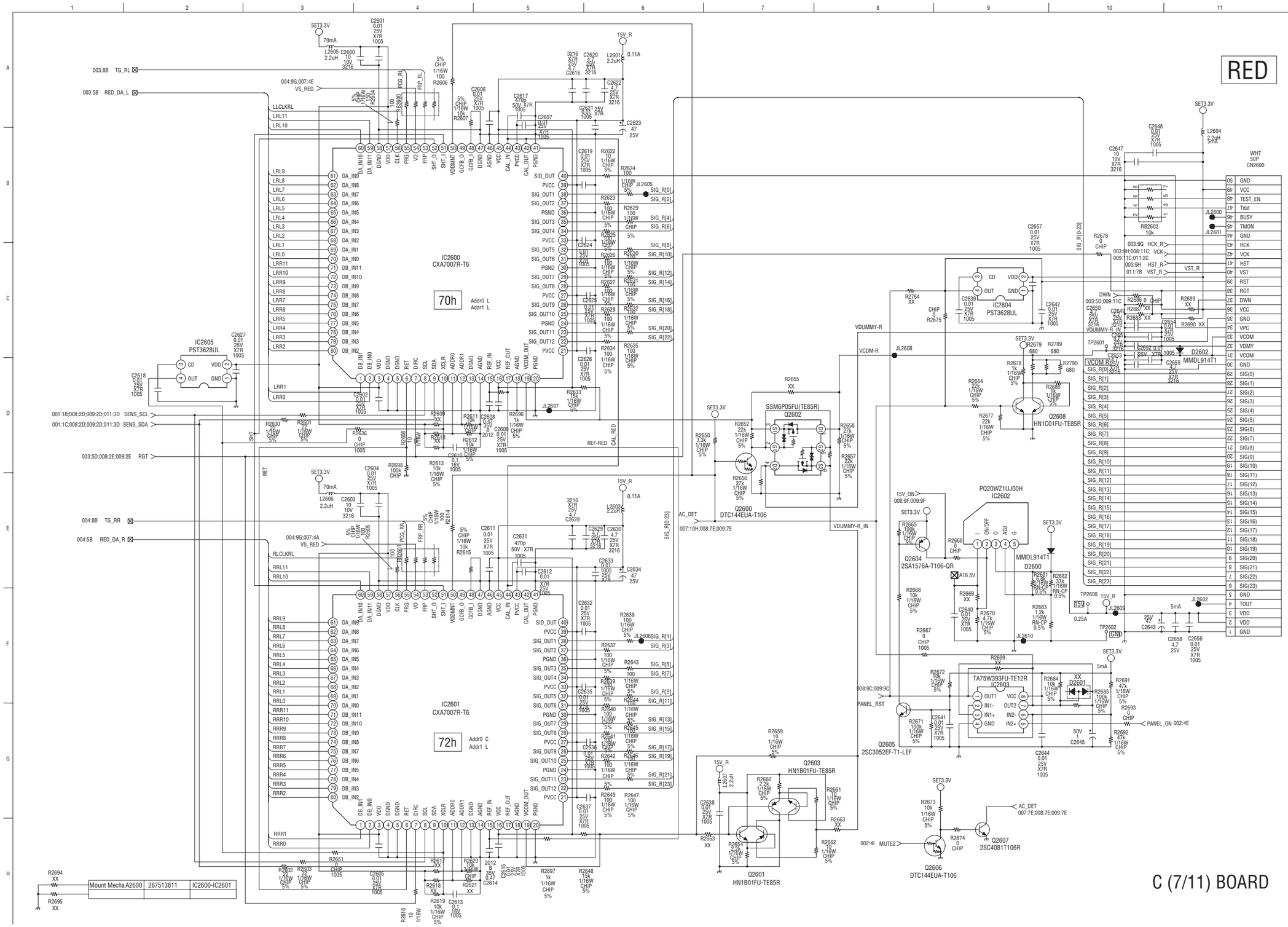


(23) Schematic Diagram of C (6/11) Board



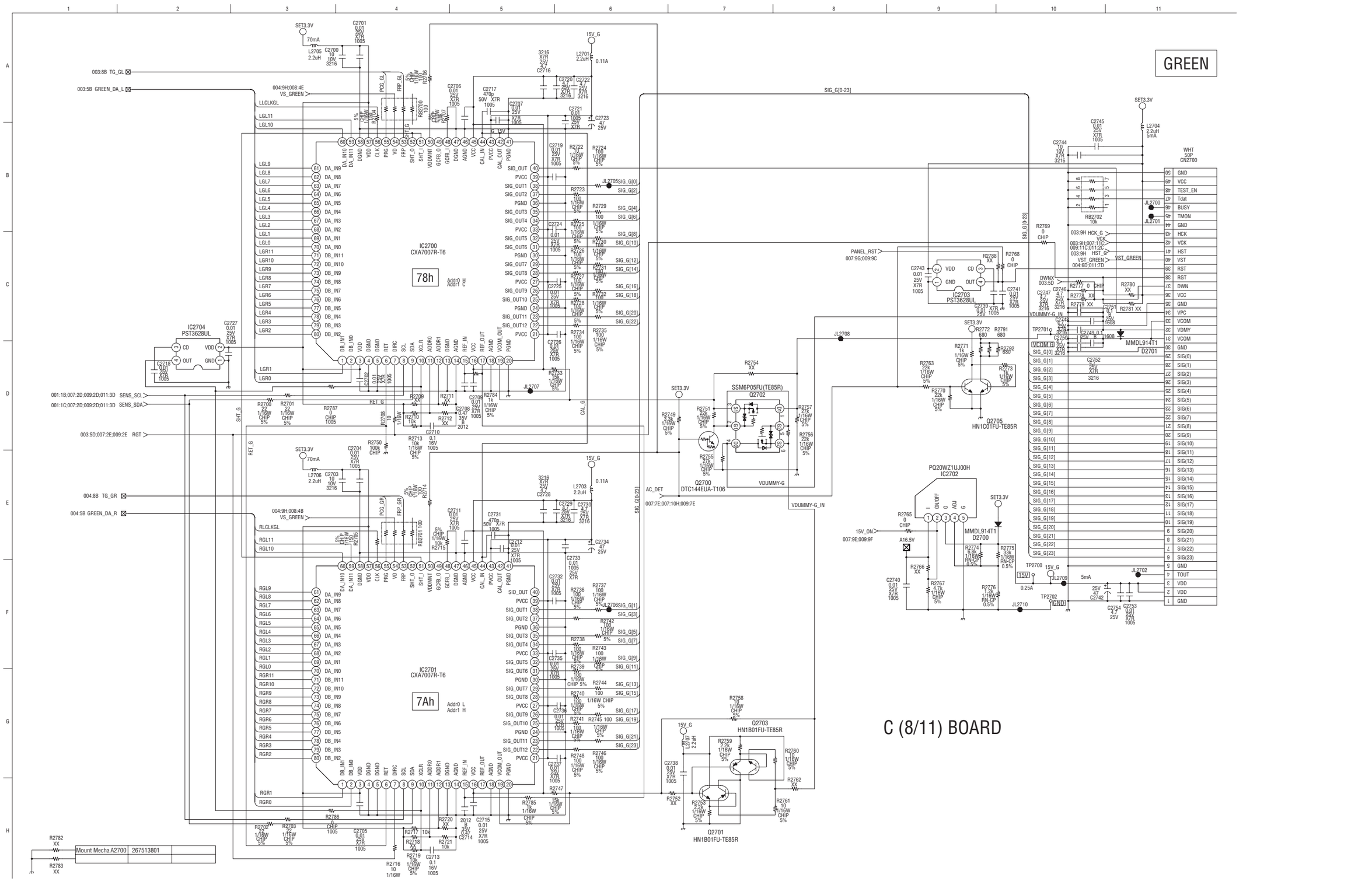
C (6/11) BOARD

(24) Schematic Diagram of C (7/11) Board

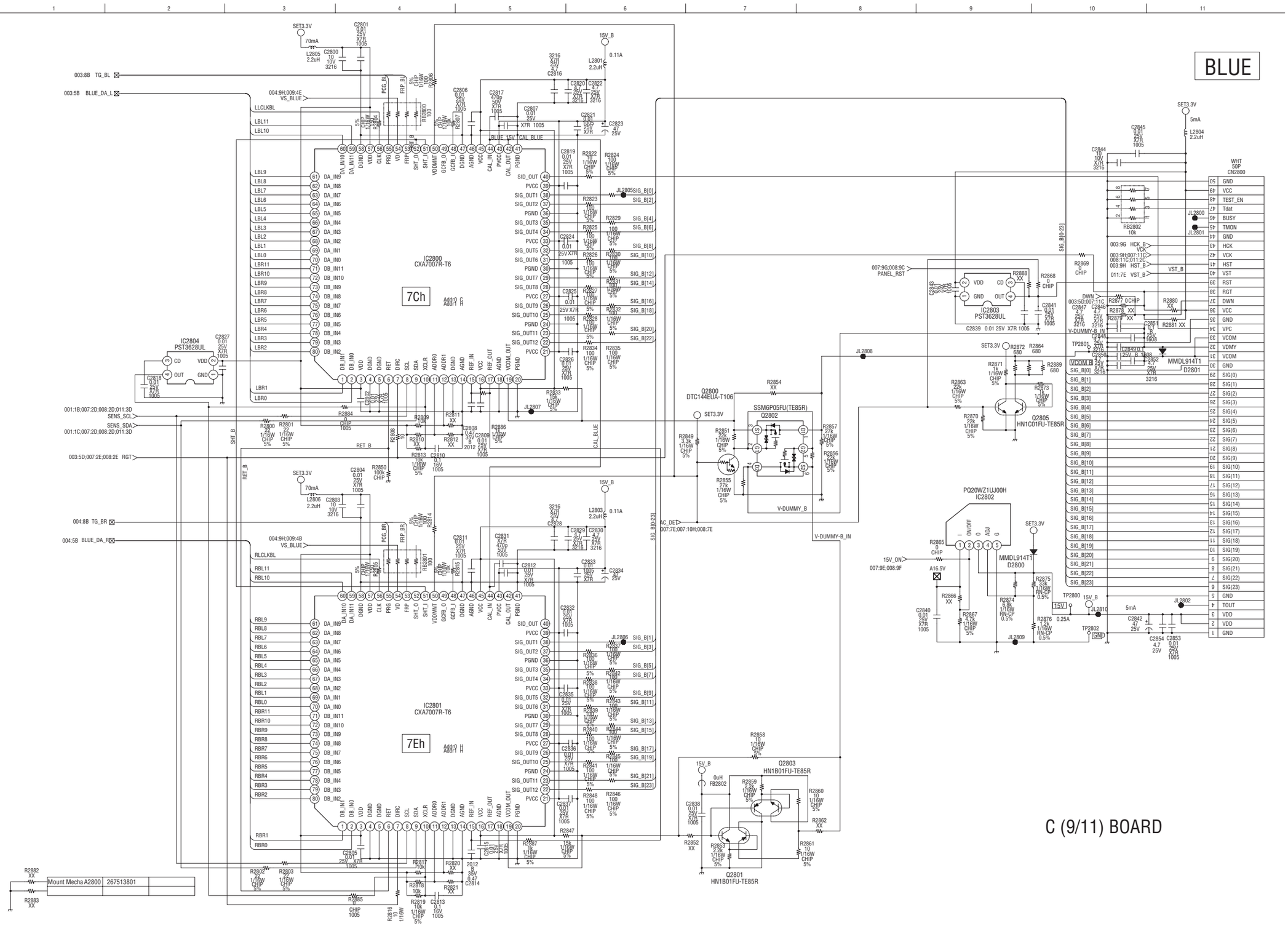


Mount Mecha A2600	267513811	IC2600-IC2601

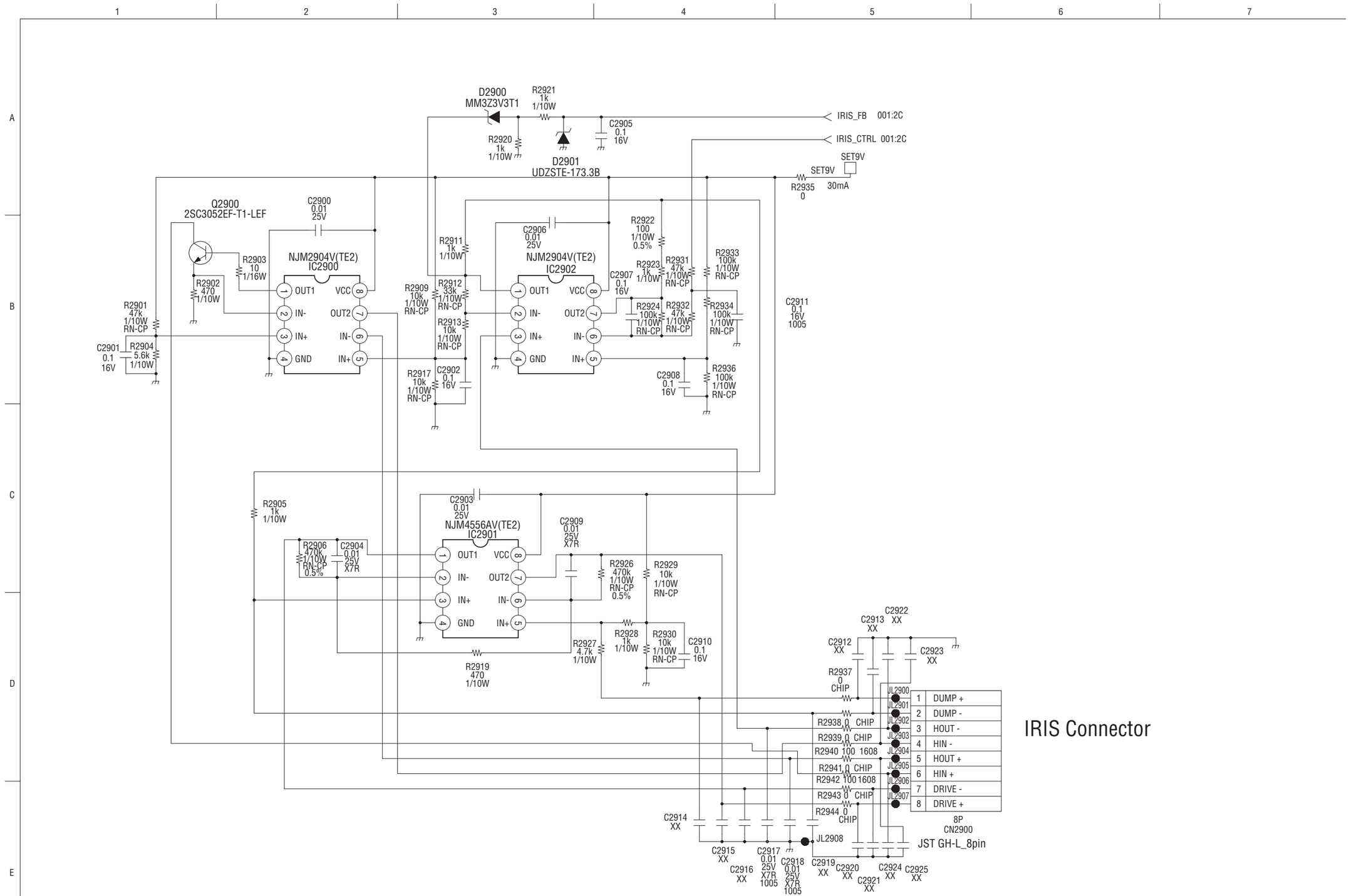
(25) Schematic Diagram of C (8/11) Board



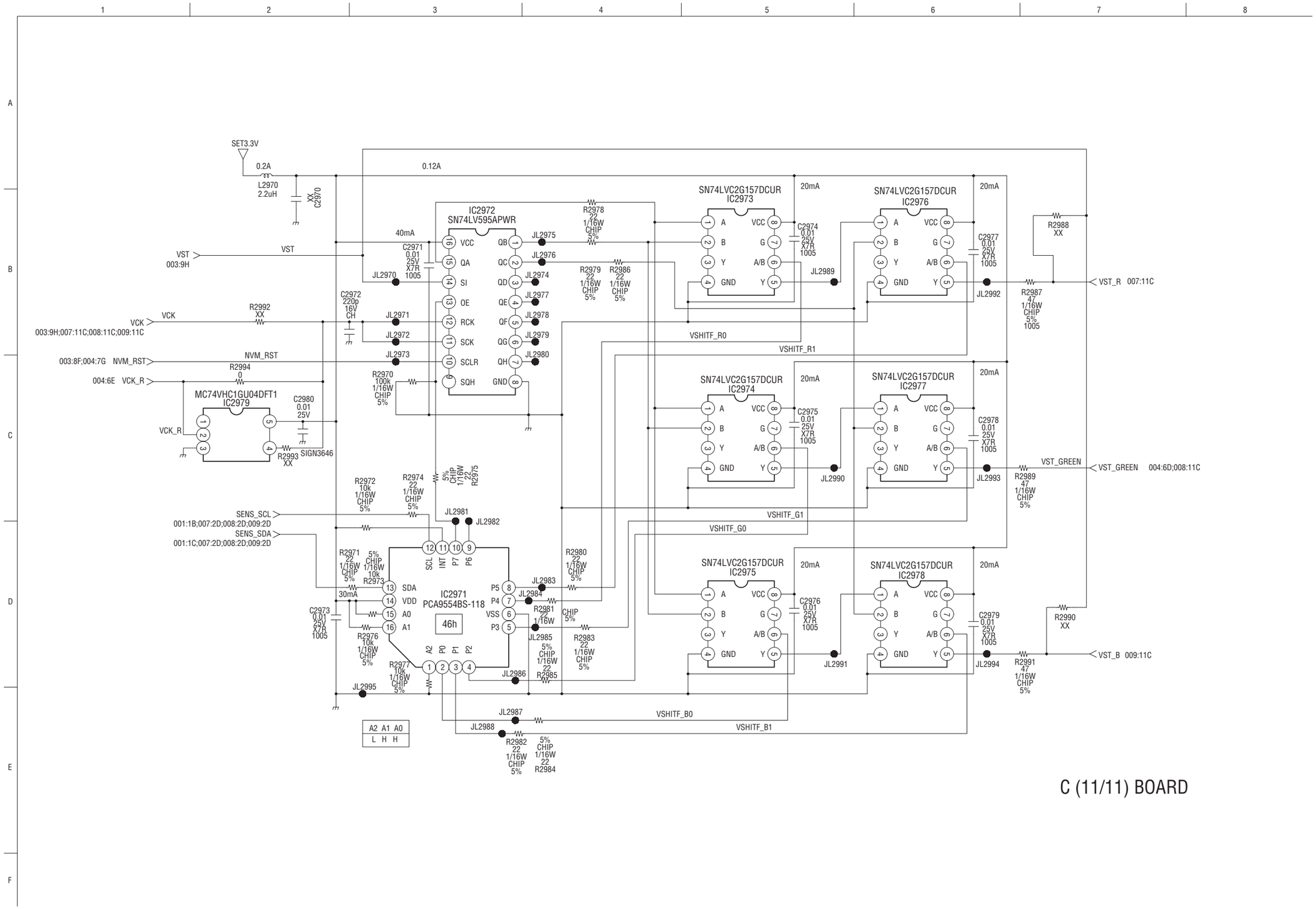
(26) Schematic Diagram of C (9/11) Board



(27) Schematic Diagram of C (10/11) Board

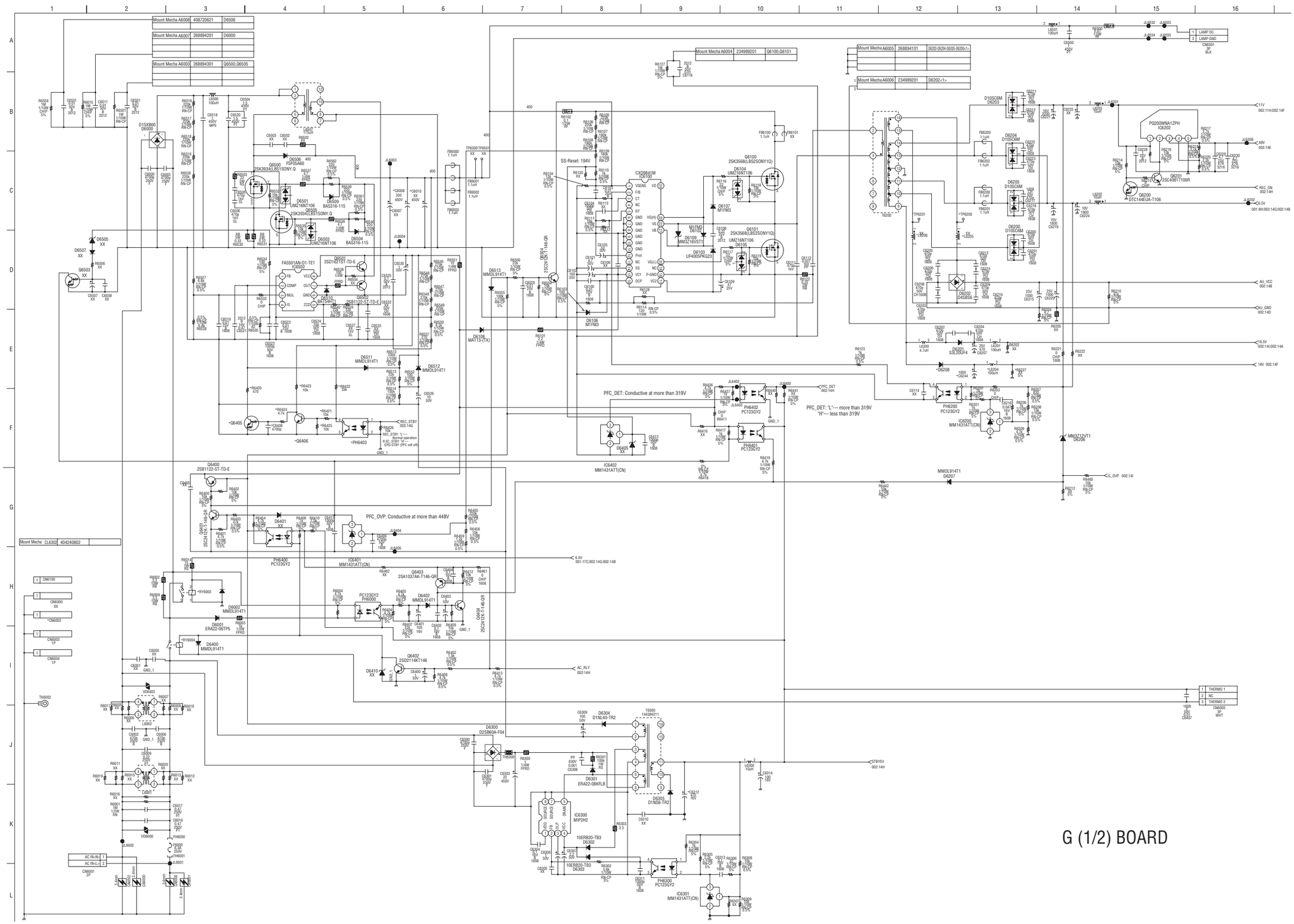


(28) Schematic Diagram of C (11/11) Board

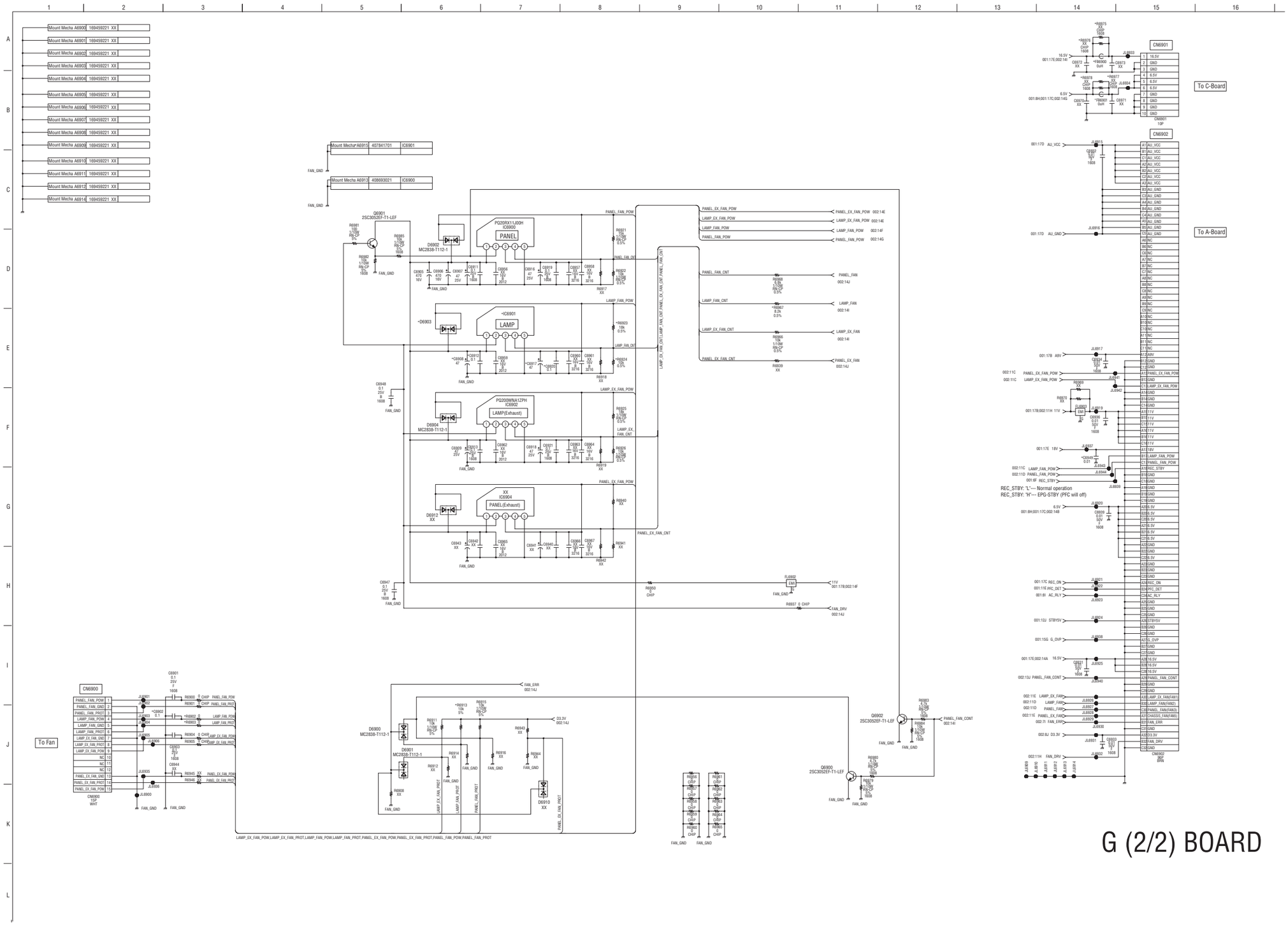


C (11/11) BOARD

(29) Schematic Diagram of G (1/2) Board

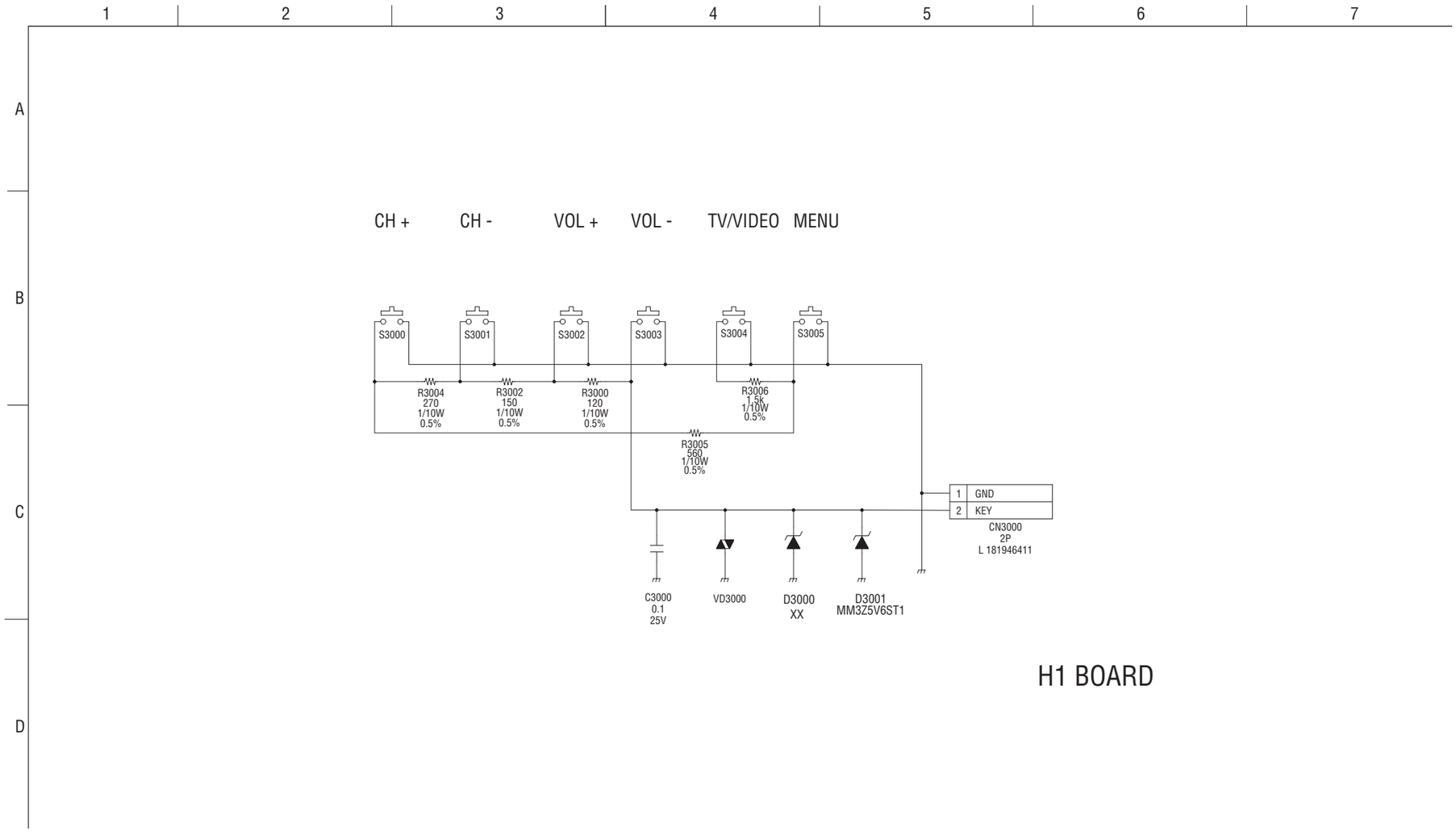

Mount Mecha A6008 408720621 D6506
Mount Mecha A6007 268894201 D6000
Mount Mecha A6003 268894301 Q6500,Q6505
Mount Mecha A6004 234989201 Q6100,Q6101
Mount Mecha A6005 268894101 D6203-D6204-D6205-D6206<1>
Mount Mecha A6006 234989201 D6202<1>
Mount Mecha CL6302 404240802
SS-Reset: 194V
PFC_DET: Conductive at more than 319V
PFC_DET: "L"--- more than 319V
"H"--- less than 319V
PFC_OVP: Conductive at more than 448V
G (1/2) BOARD

(30) Schematic Diagram of G (2/2) Board



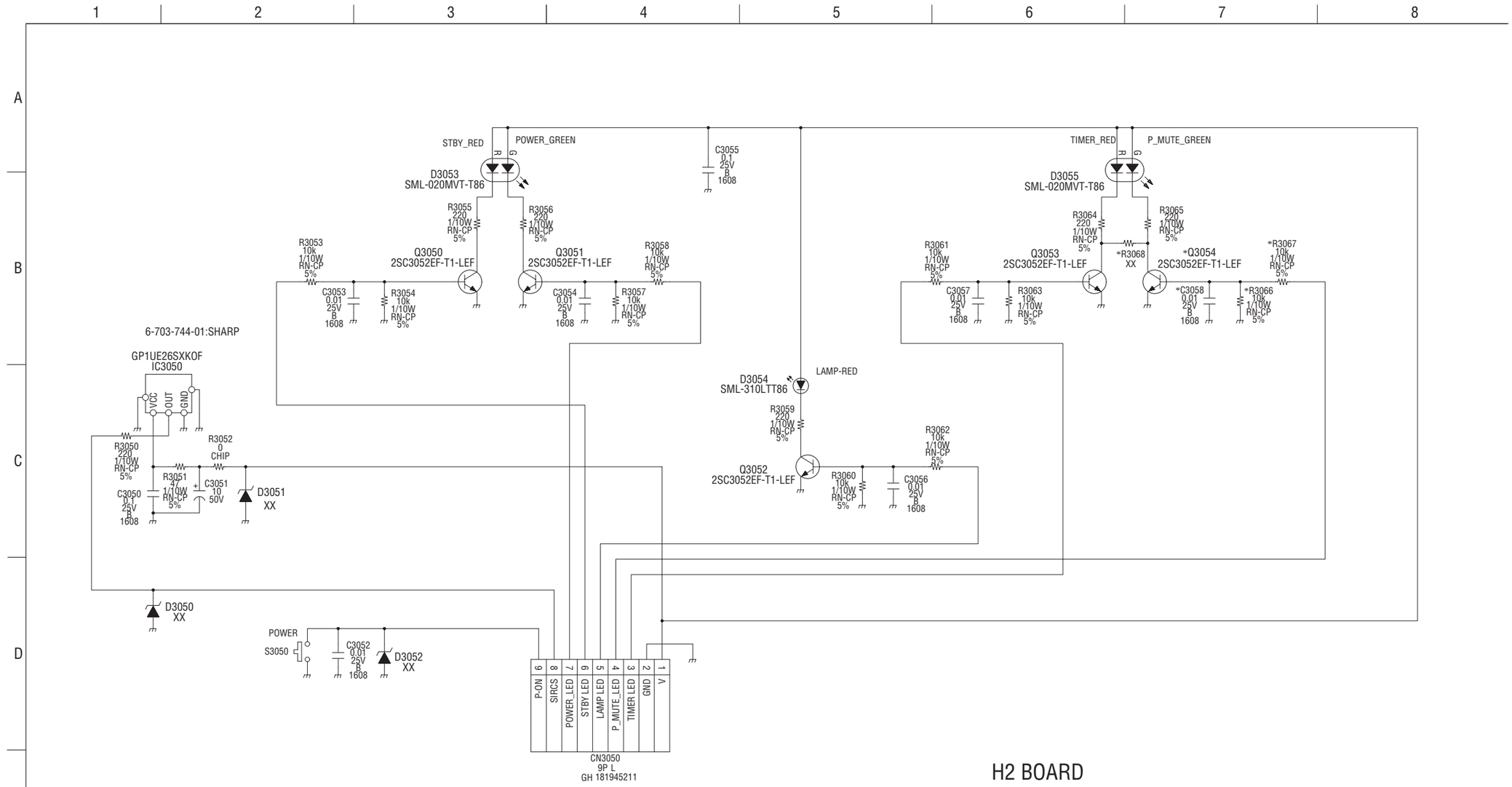
G (2/2) BOARD

(31) Schematic Diagram of H1 Board

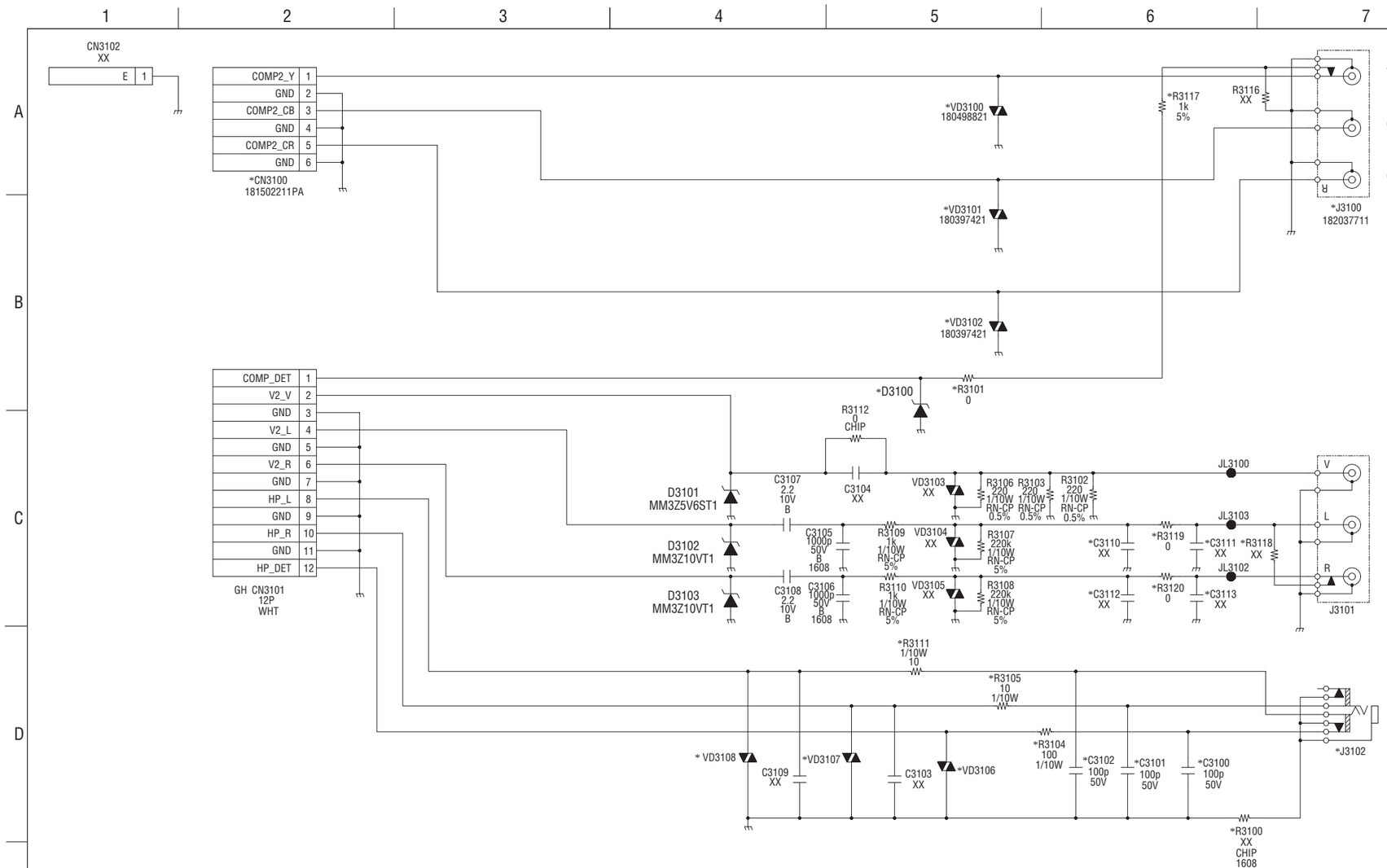


H1 BOARD

(32) Schematic Diagram of H2 Board



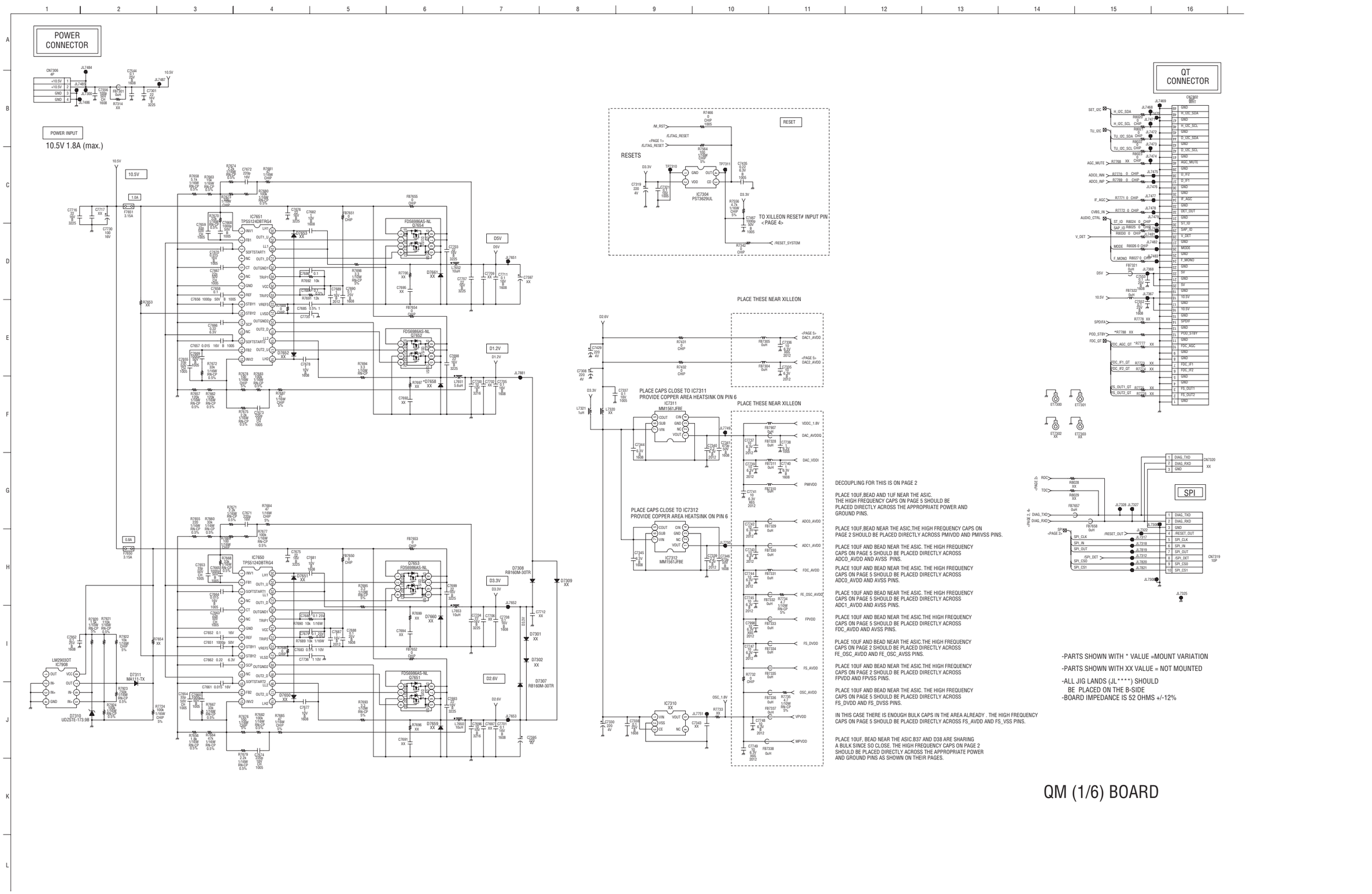
(33) Schematic Diagram of H3 Board



Mount Mecha A3100	404240802	

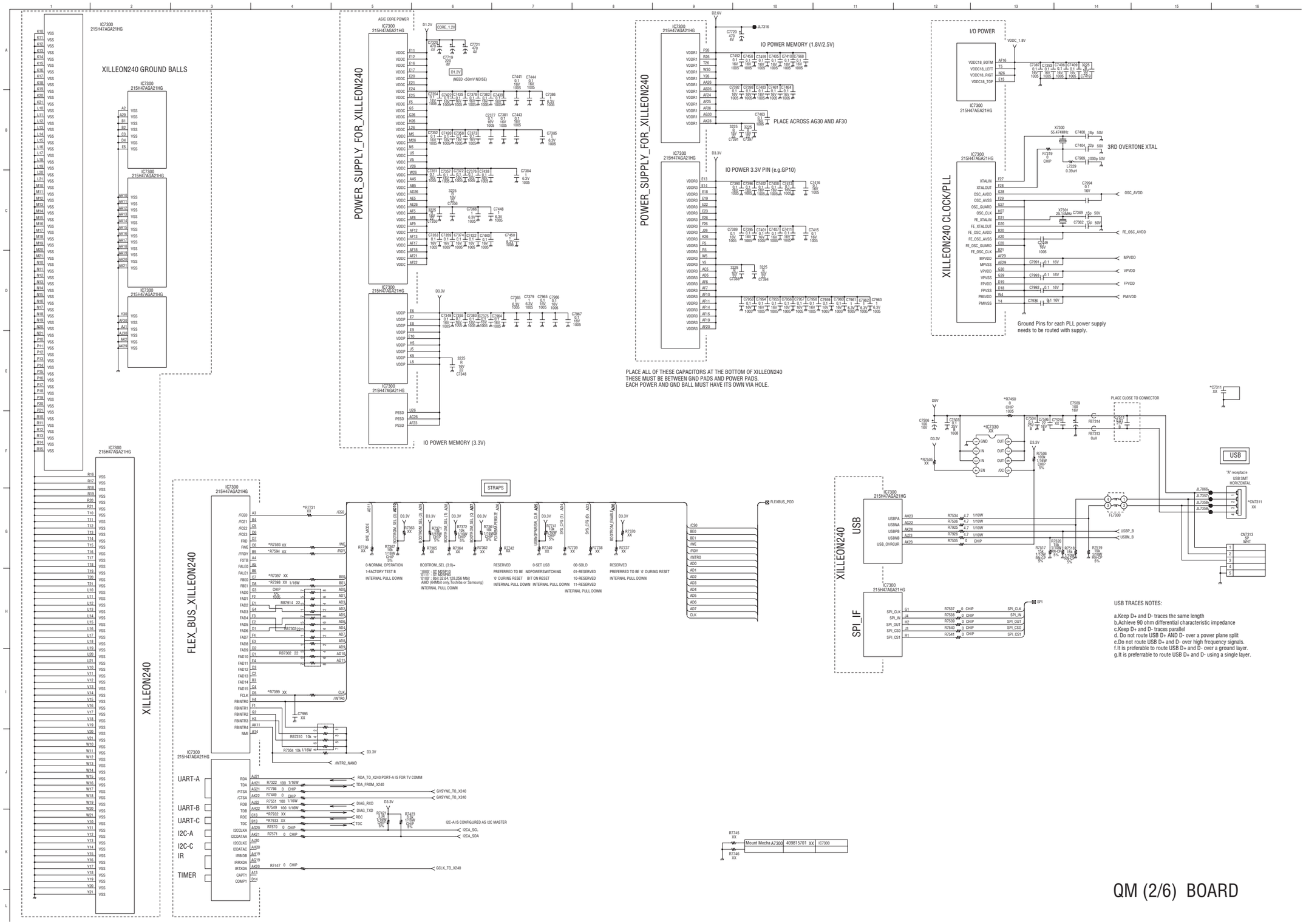
H3 BOARD

(34) Schematic Diagram of QM (1/6) Board


POWER CONNECTOR
POWER INPUT
10.5V 1.8A (max.)
10.5V
1.0A
0.8A
IC7651 TPS5124DBTRG4
IC7650 TPS5124DBTRG4
IC7311 MM1561JFBE
IC7312 MM1561JFBE
IC7304 PST3629UL
IC7310 XX
IC7908 LM2903DT
FDS6986AS-NL Q7654
FDS6986AS-NL Q7652
FDS6986AS-NL Q7653
FDS6986AS-NL Q7651
D5V
D1.2V
D3.3V
D2.6V
D2.6V
D7308 RB160M-30TR
D7309 XX
D7301 XX
D7302 XX
D7307 RB160M-30TR
D7310 UDZSTE-173.9B
D7311 MA111-TX
RESETS
RESET
TO XILLEON RESET# INPUT PIN <PAGE 4>
/RESET_SYSTEM
PLACE THESE NEAR XILLEON
PLACE CAPS CLOSE TO IC7311
PROVIDE COPPER AREA HEATSINK ON PIN 6
PLACE CAPS CLOSE TO IC7312
PROVIDE COPPER AREA HEATSINK ON PIN 6
VDDC_1.8V
DAC_AVDDQ
DAC_VDDI
PMIVDD
ADC0_AVDD
ADC1_AVDD
FDC_AVDD
FE_OSC_AVDD
FPVDD
FS_DVDD
FS_AVDD
OSC_AVDD
VPVDD
MPVDD
DECOUPLING FOR THIS IS ON PAGE 2
PLACE 10UF,BEAD AND 1UF NEAR THE ASIC. THE HIGH FREQUENCY CAPS ON PAGE 5 SHOULD BE PLACED DIRECTLY ACROSS THE APPROPRIATE POWER AND GROUND PINS.
PLACE 10UF,BEAD NEAR THE ASIC,THE HIGH FREQUENCY CAPS ON PAGE 2 SHOULD BE PLACED DIRECTLY ACROSS PMIVDD AND PMIVSS PINS.
PLACE 10UF AND BEAD NEAR THE ASIC. THE HIGH FREQUENCY CAPS ON PAGE 5 SHOULD BE PLACED DIRECTLY ACROSS ADC0_AVDD AND AVSS PINS.
PLACE 10UF AND BEAD NEAR THE ASIC. THE HIGH FREQUENCY CAPS ON PAGE 5 SHOULD BE PLACED DIRECTLY ACROSS ADC0_AVDD AND AVSS PINS.
PLACE 10UF AND BEAD NEAR THE ASIC. THE HIGH FREQUENCY CAPS ON PAGE 5 SHOULD BE PLACED DIRECTLY ACROSS ADC1_AVDD AND AVSS PINS.
PLACE 10UF AND BEAD NEAR THE ASIC.THE HIGH FREQUENCY CAPS ON PAGE 5 SHOULD BE PLACED DIRECTLY ACROSS FDC_AVDD AND AVSS PINS.
PLACE 10UF AND BEAD NEAR THE ASIC.THE HIGH FREQUENCY CAPS ON PAGE 2 SHOULD BE PLACED DIRECTLY ACROSS FE_OSC_AVDD AND FE_OSC_AVSS PINS.
PLACE 10UF AND BEAD NEAR THE ASIC.THE HIGH FREQUENCY CAPS ON PAGE 2 SHOULD BE PLACED DIRECTLY ACROSS FPVDD AND FPVSS PINS.
PLACE 10UF AND BEAD NEAR THE ASIC. THE HIGH FREQUENCY CAPS ON PAGE 5 SHOULD BE PLACED DIRECTLY ACROSS FS_DVDD AND FS_DVSS PINS.
IN THIS CASE THERE IS ENOUGH BULK CAPS IN THE AREA ALREADY . THE HIGH FREQUENCY CAPS ON PAGE 5 SHOULD BE PLACED DIRECTLY ACROSS FS_AVDD AND FS_VSS PINS.
PLACE 10UF, BEAD NEAR THE ASIC.B37 AND D38 ARE SHARING A BULK SINCE SO CLOSE. THE HIGH FREQUENCY CAPS ON PAGE 2 SHOULD BE PLACED DIRECTLY ACROSS THE APPROPRIATE POWER AND GROUND PINS AS SHOWN ON THEIR PAGES.
QT CONNECTOR
SET_I2C
TU_I2C
AGC_MUTE
ADC0_INN
ADC0_INP
IF_AGC
CVBS_IN
AUDIO_CTRL
V_DET
MODE
F_MONO
SPDIFA
POD_STBY
FDC_QT
SPI
DIAG_TXD
DIAG_RXD
GND
/RESET_OUT
SPI_CLK
SPI_IN
SPI_OUT
/SPI_DET
SPI_CS0
SPI_CS1
-PARTS SHOWN WITH * VALUE =MOUNT VARIATION
-PARTS SHOWN WITH XX VALUE = NOT MOUNTED
-ALL JIG LANDS (JL****) SHOULD BE PLACED ON THE B-SIDE
-BOARD IMPEDANCE IS 52 OHMS +/-12%

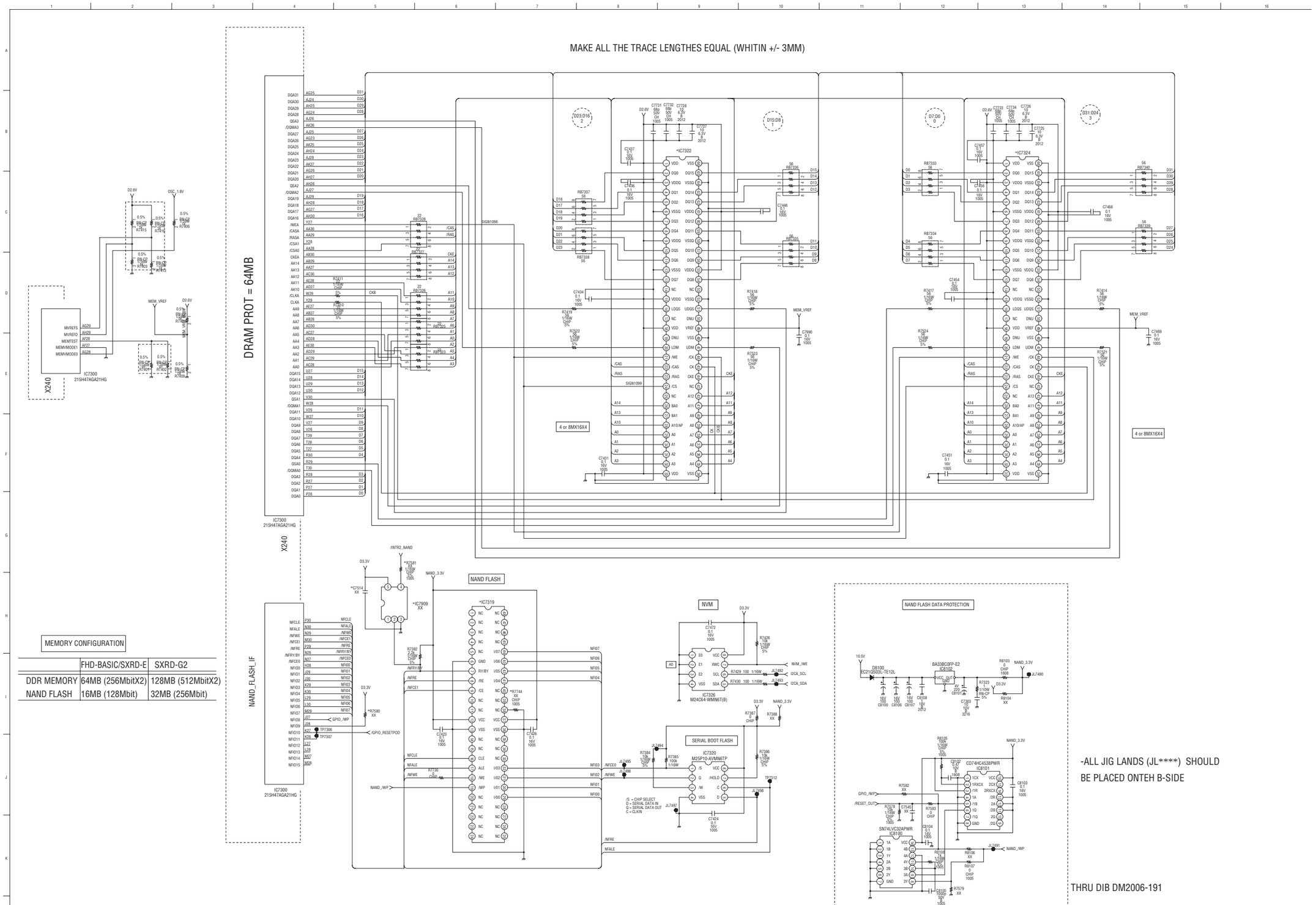
QM (1/6) BOARD

(35) Schematic Diagram of QM (2/6) Board


XILLEON240 GROUND BALLS
POWER_SUPPLY_FOR_XILLEON240
IO POWER MEMORY (3.3V)
IO POWER MEMORY (1.8V/2.5V)
IO POWER 3.3V PIN (e.g.GP10)
PLACE ACROSS AG30 AND AF30
PLACE ALL OF THESE CAPACITORS AT THE BOTTOM OF XILLEON240
THESE MUST BE BETWEEN GND PADS AND POWER PADS.
EACH POWER AND GND BALL MUST HAVE ITS OWN VIA HOLE.
I/O POWER
XILLEON240 CLOCK/PLL
3RD OVERTONE XTAL
Ground Pins for each PLL power supply needs to be routed with supply.
FLEX_BUS_XILLEON240
STRAPS
FLEXBUS_POD
XILLEON240
USB
SPI_IF
USB TRACES NOTES:
a.Keep D+ and D- traces the same length
b.Achieve 90 ohm differential characteristic impedance
c.Keep D+ and D- traces parallel
d. Do not route USB D+ AND D- over a power plane split
e.Do not route USB D+ and D- over high frequency signals.
f.It is preferrable to route USB D+ and D- over a ground layer.
g.It is preferrable to route USB D+ and D- using a single layer.
Mount Mecha A7300 409815701 XX IC7300

QM (2/6) BOARD

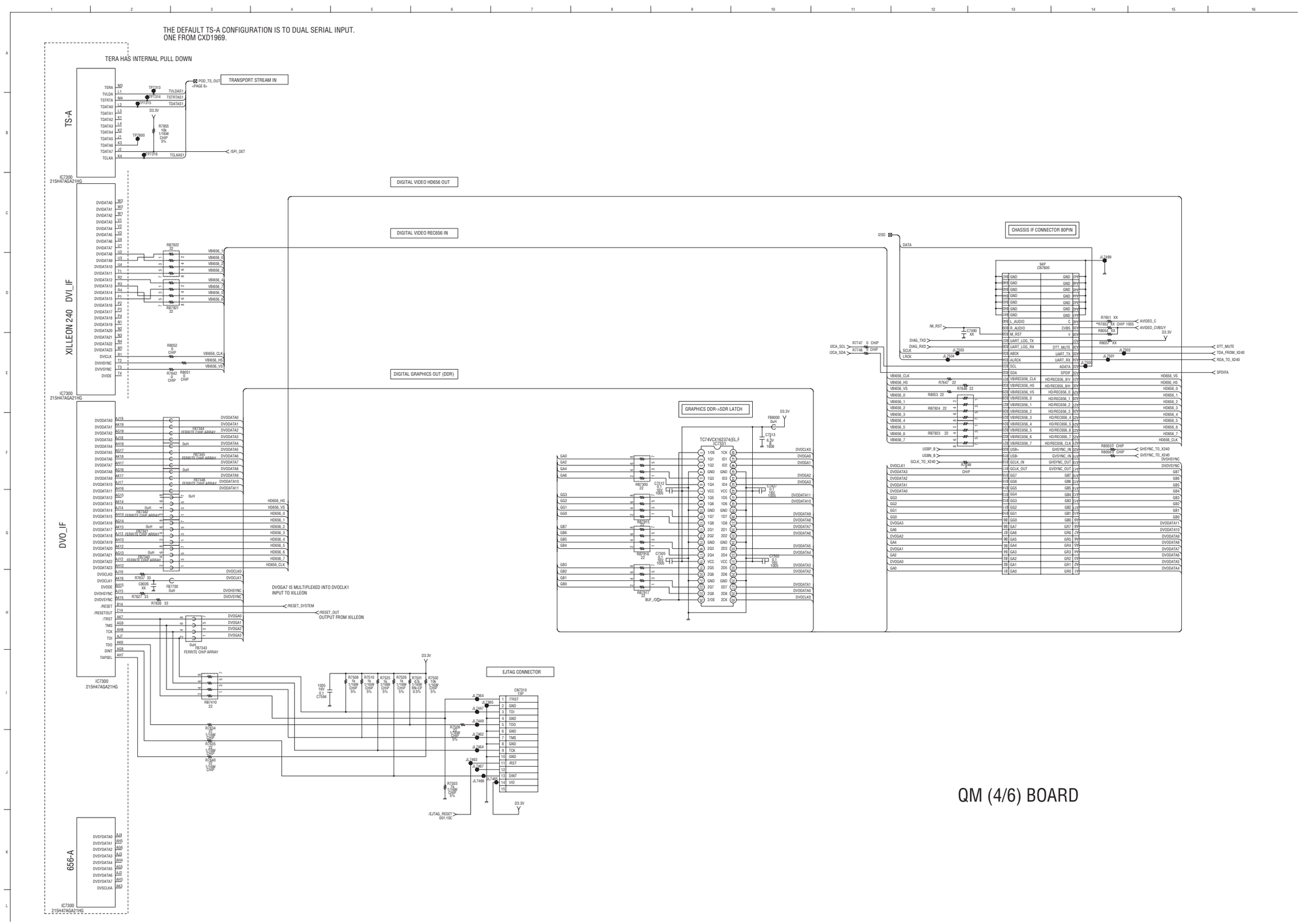
(36) Schematic Diagram of QM (3/6) Board



MEMORY CONFIGURATION		
	FHD-BASIC/SXRD-E	SXRD-G2
DDR MEMORY	64MB (256MbitX2)	128MB (512MbitX2)
NAND FLASH	16MB (128Mbit)	32MB (256Mbit)

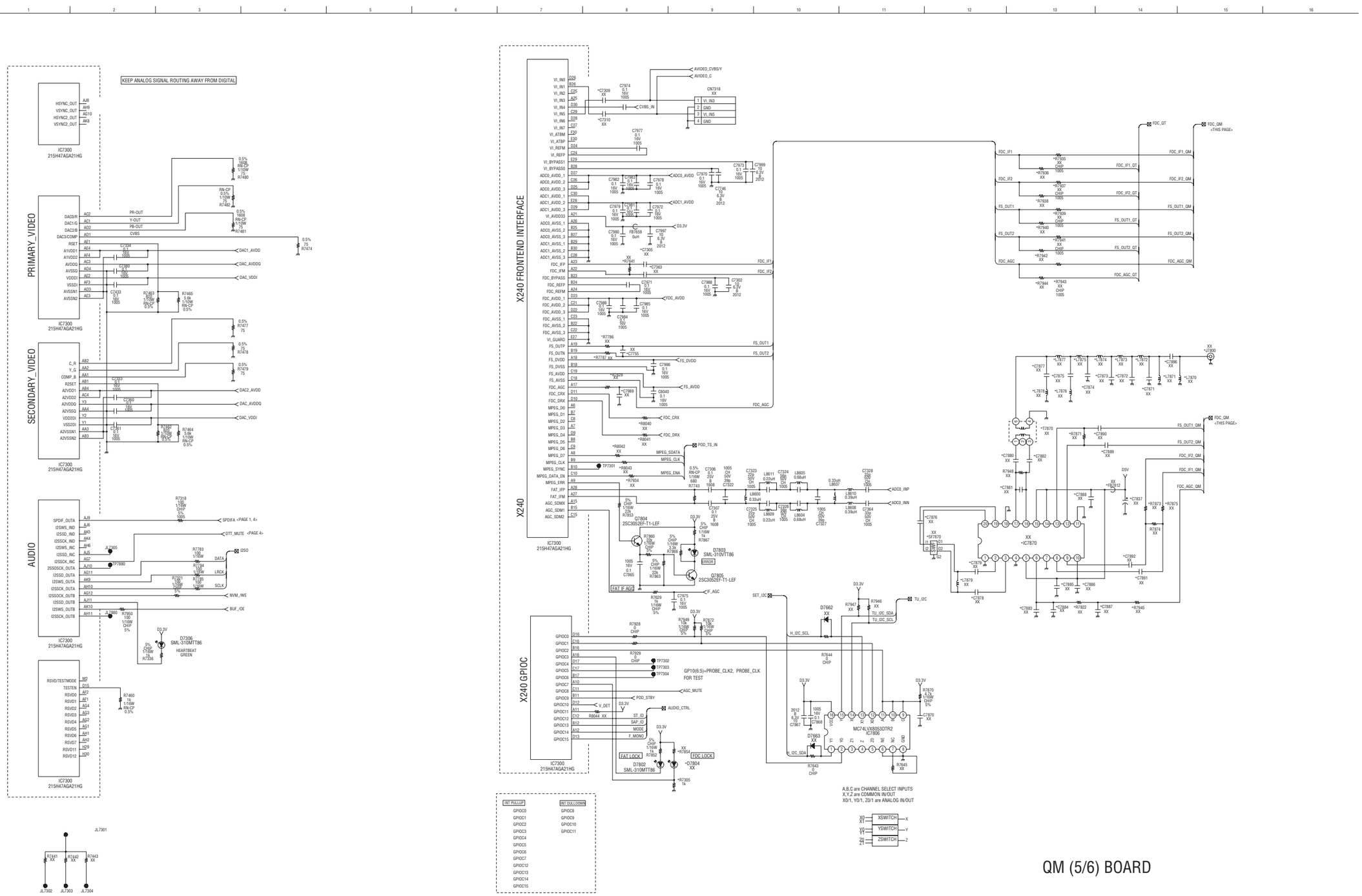
QM (3/6) BOARD

(37) Schematic Diagram of QM (4/6) Board



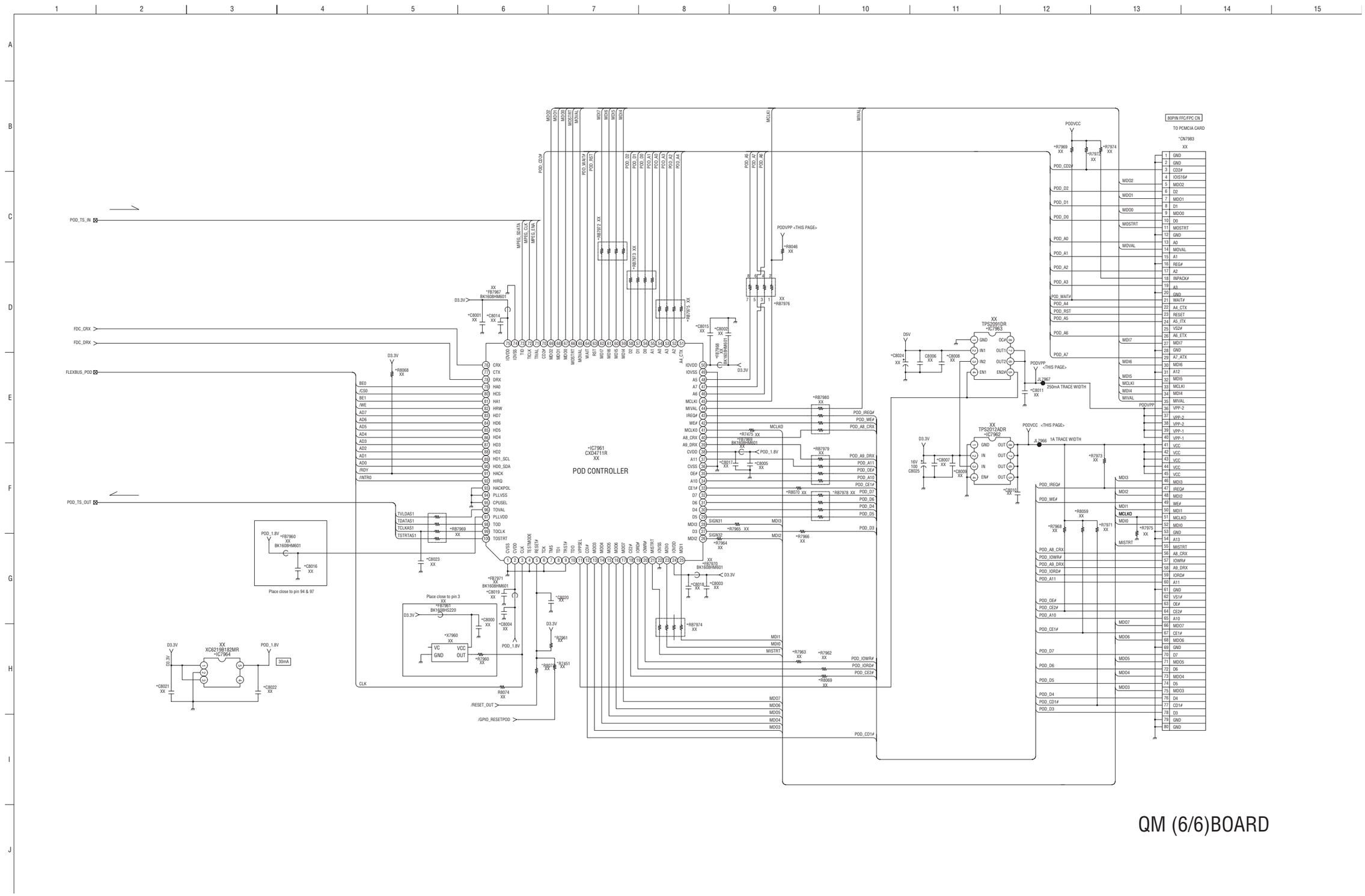
QM (4/6) BOARD

(38) Schematic Diagram of QM (5/6) Board



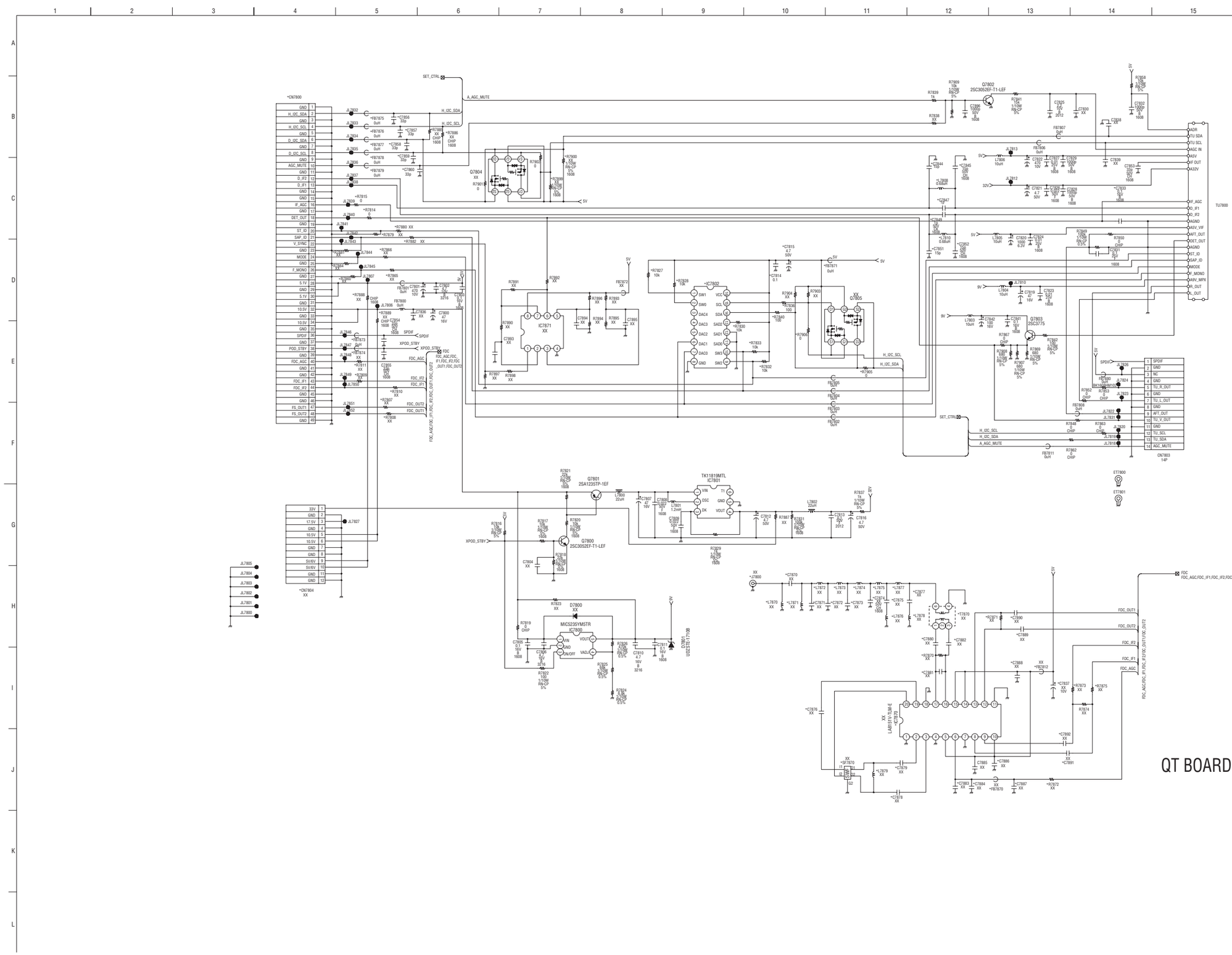
QM (5/6) BOARD

(39) Schematic Diagram of QM (6/6) Board



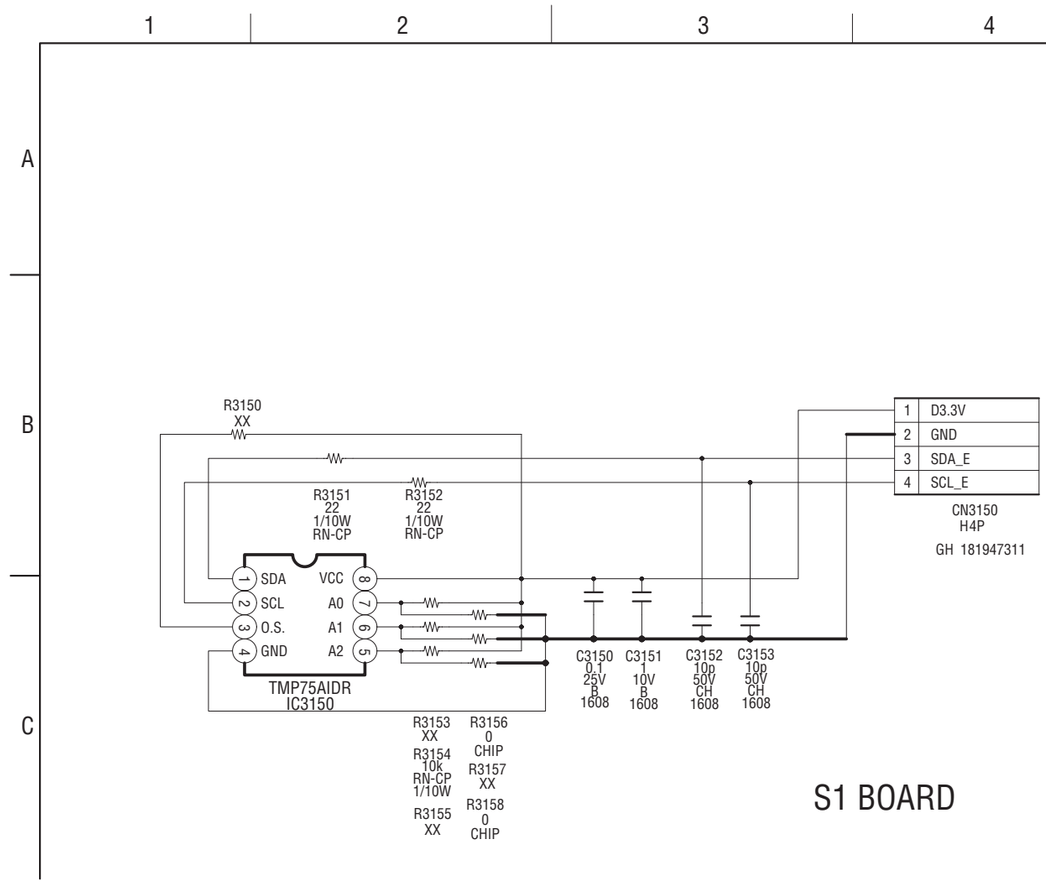
QM (6/6)BOARD

(40) Schematic Diagram of QT Board

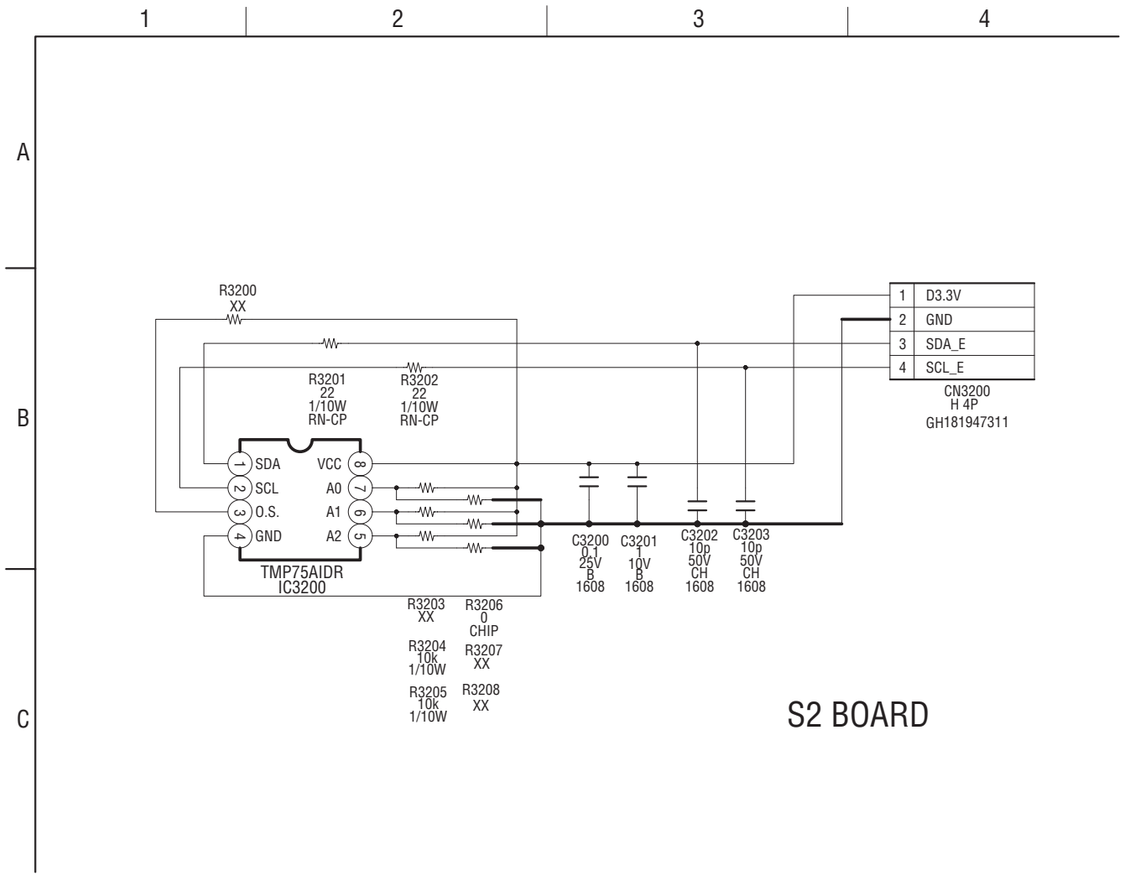


QT BOARD

(41) Schematic Diagram of S1, S2 Board

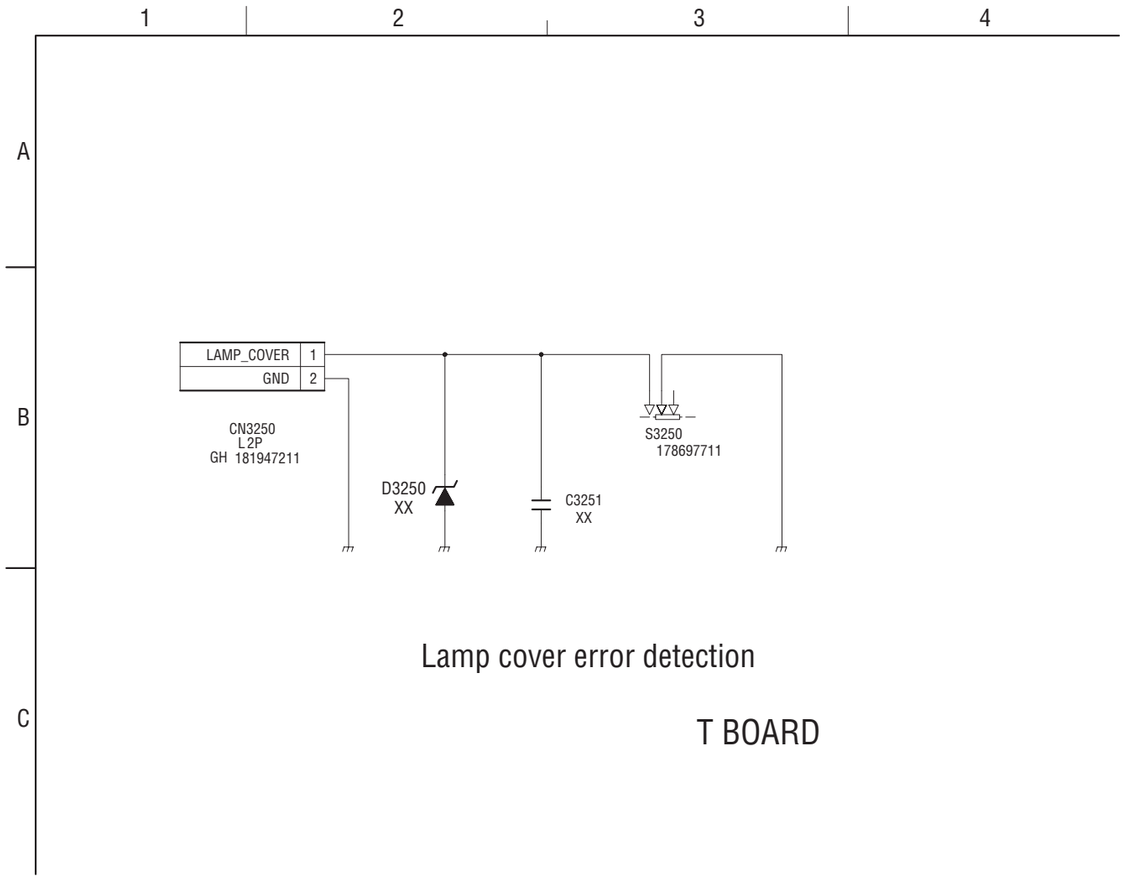


S1 BOARD



S2 BOARD

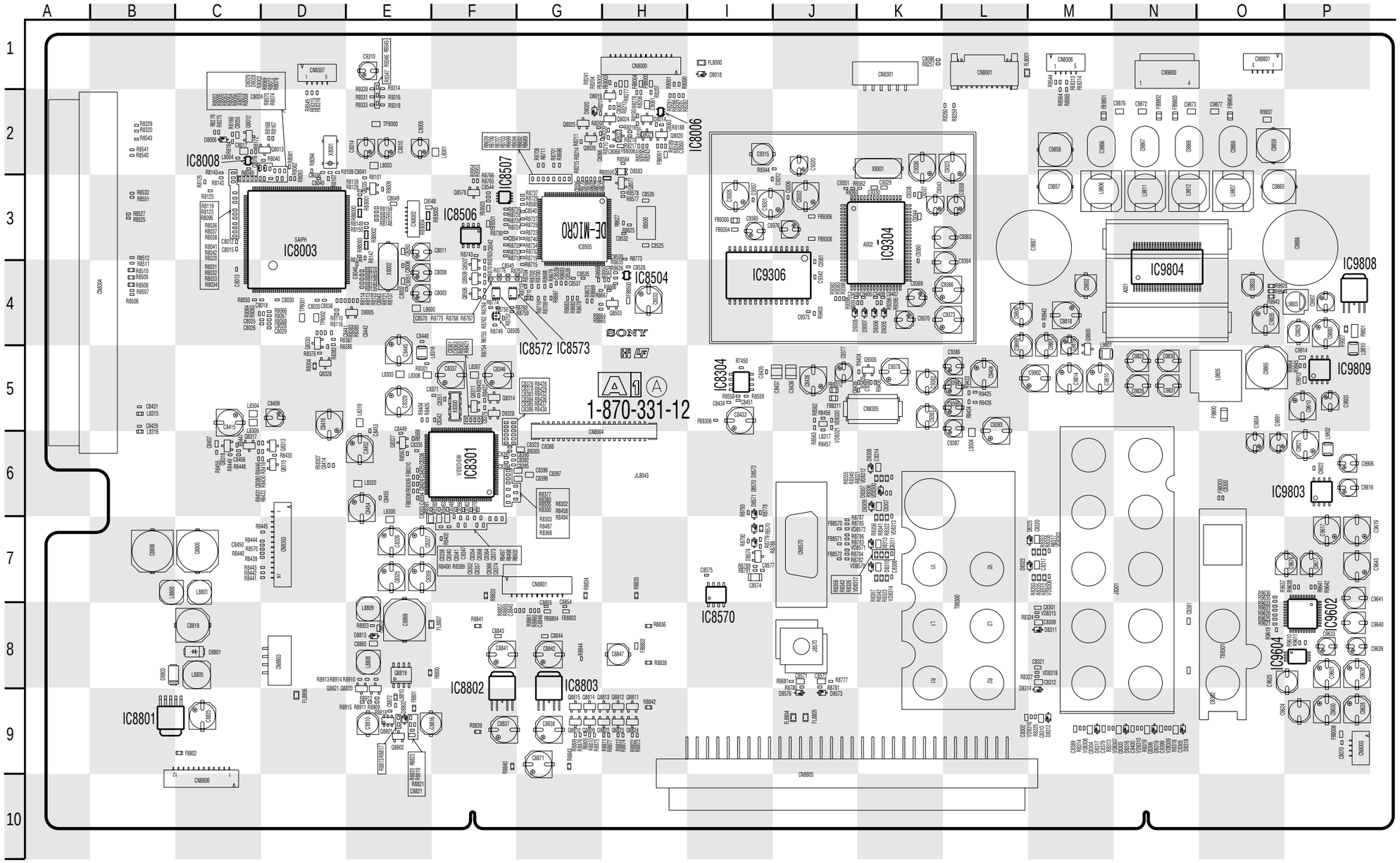
(42) Schematic Diagram of T Board



4-5. PRINTED WIRING BOARDS

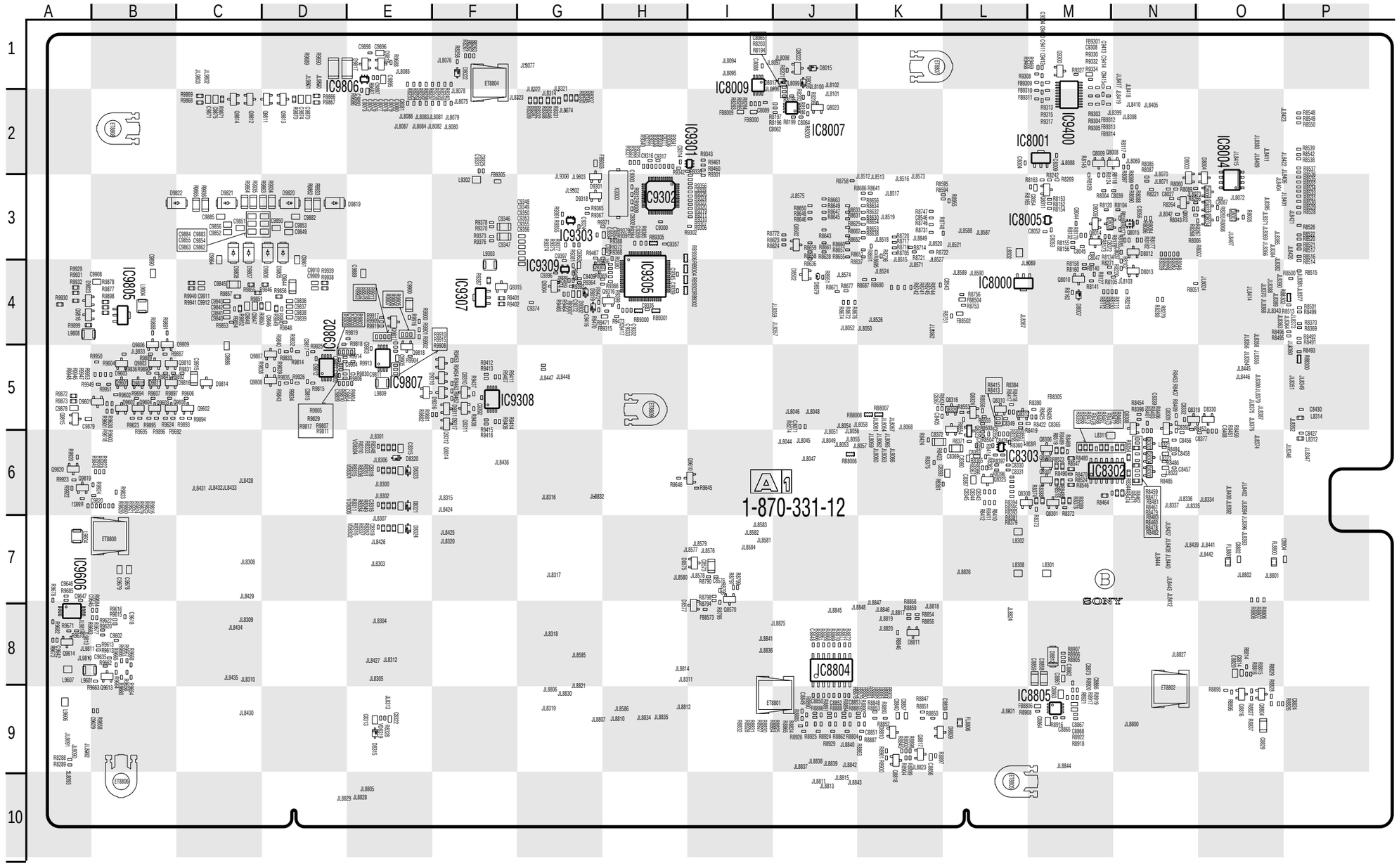
(1) A1 Board (Side A)

Text Search



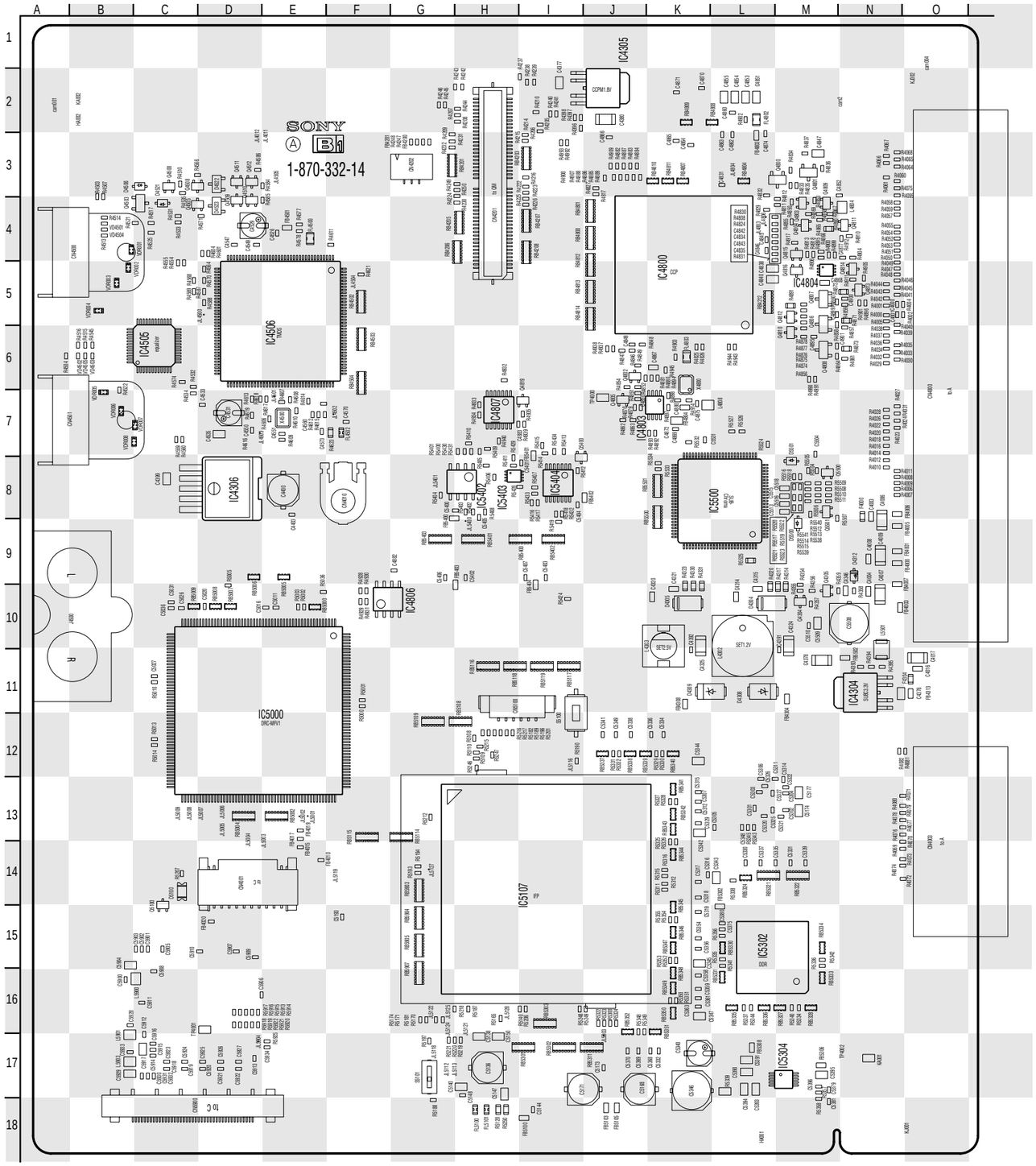
(2) A1 Board (Side B)

Text Search



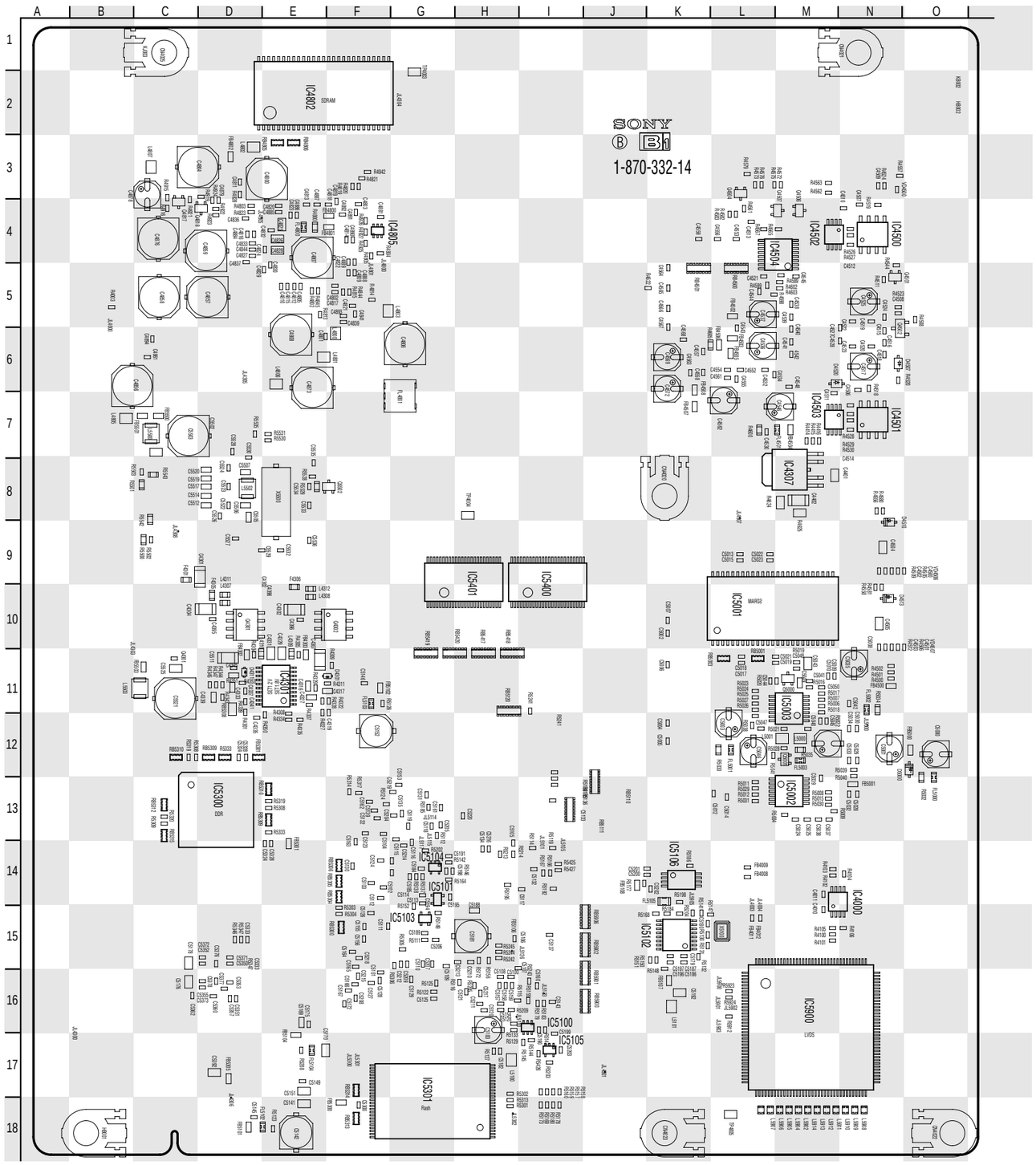
(3) B1 Board (Side A)

Text Search



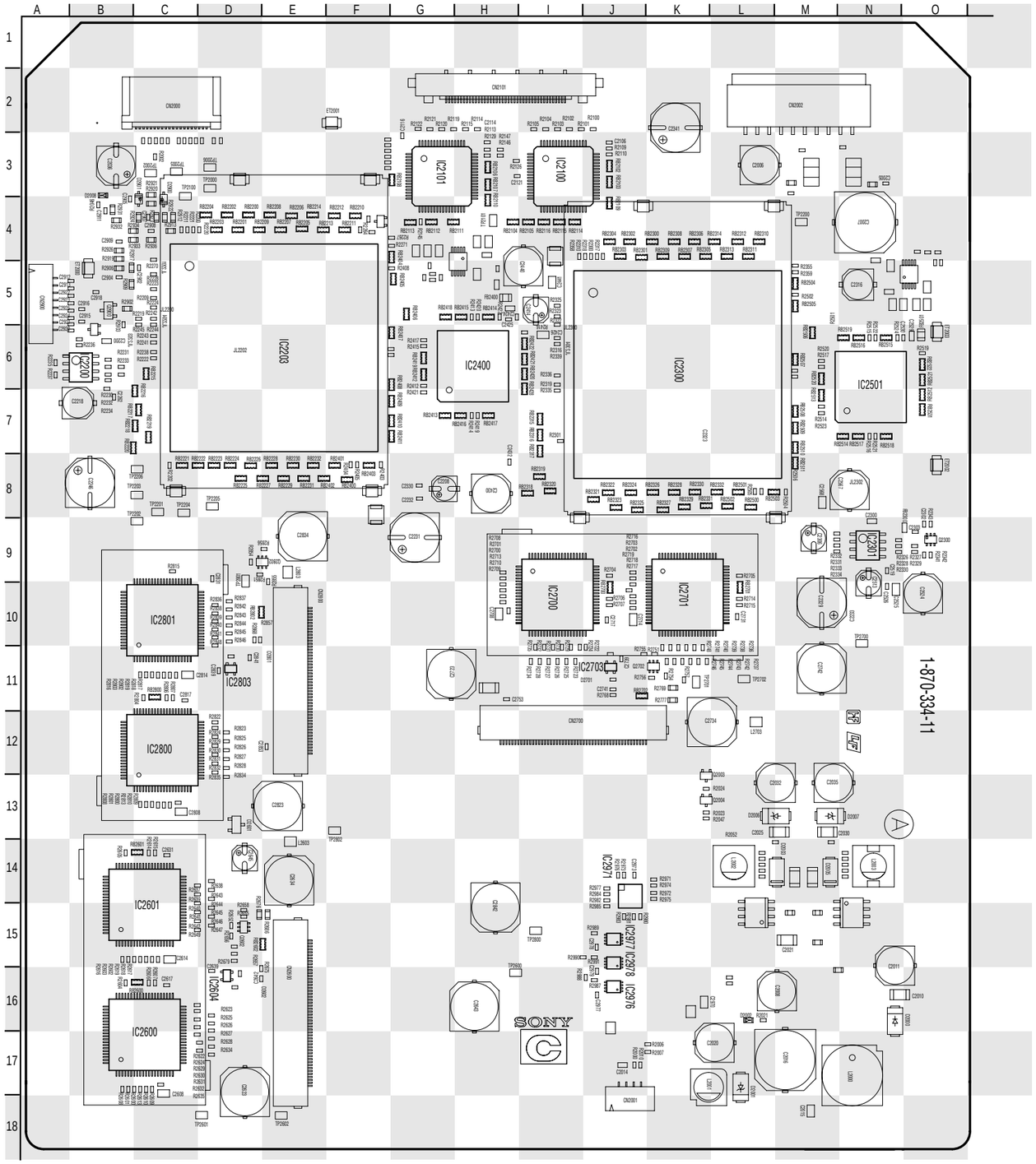
(4) B1 Board (Side B)

Text Search



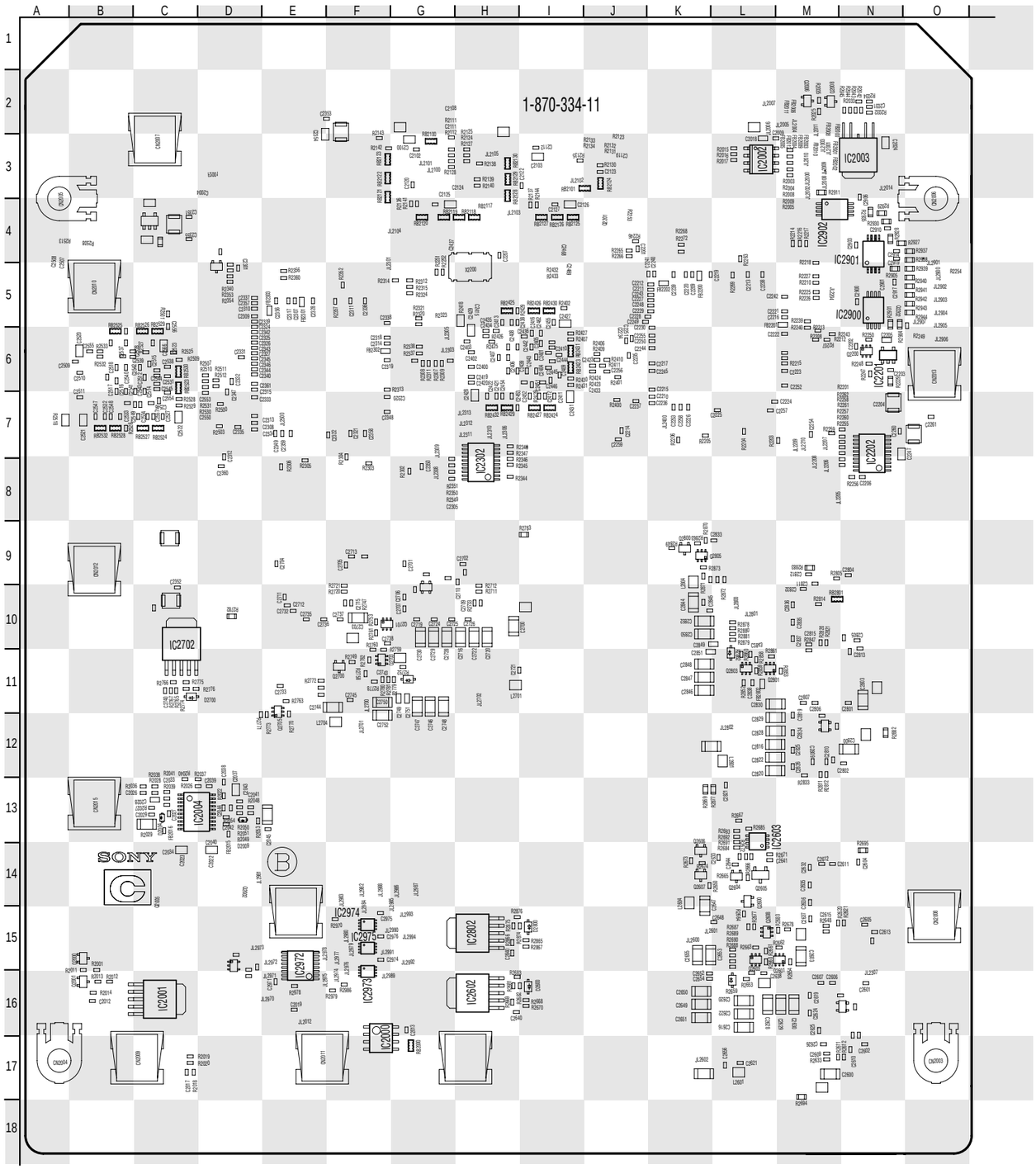
(5) C Board (Side A)

Text Search

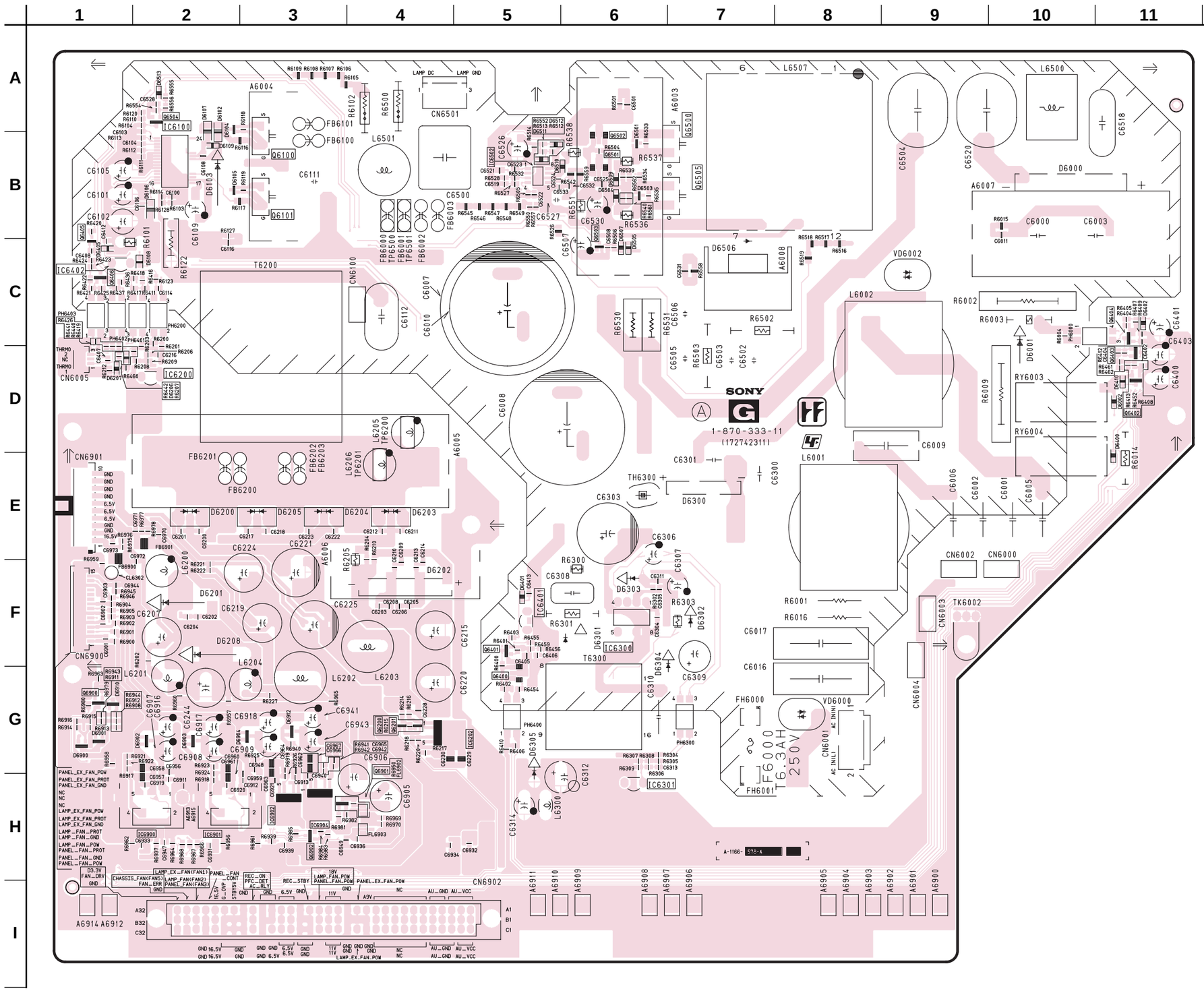


(6) C Board (Side B)

Text Search



(7) G Board (Side A)



- **G BOARD SEMICONDUCTOR LOCATION**

IC		
	Side A	Side B
IC6100	B-2	
IC6200	D-2	D-10
IC6202	G-5	
IC6300	F-6	F-6
IC6301	H-6	H-6
IC6401	F-7	F-7
IC6402	C-1	C-11
IC6502	B-5	
IC6900	H-2	
IC6902	H-3	

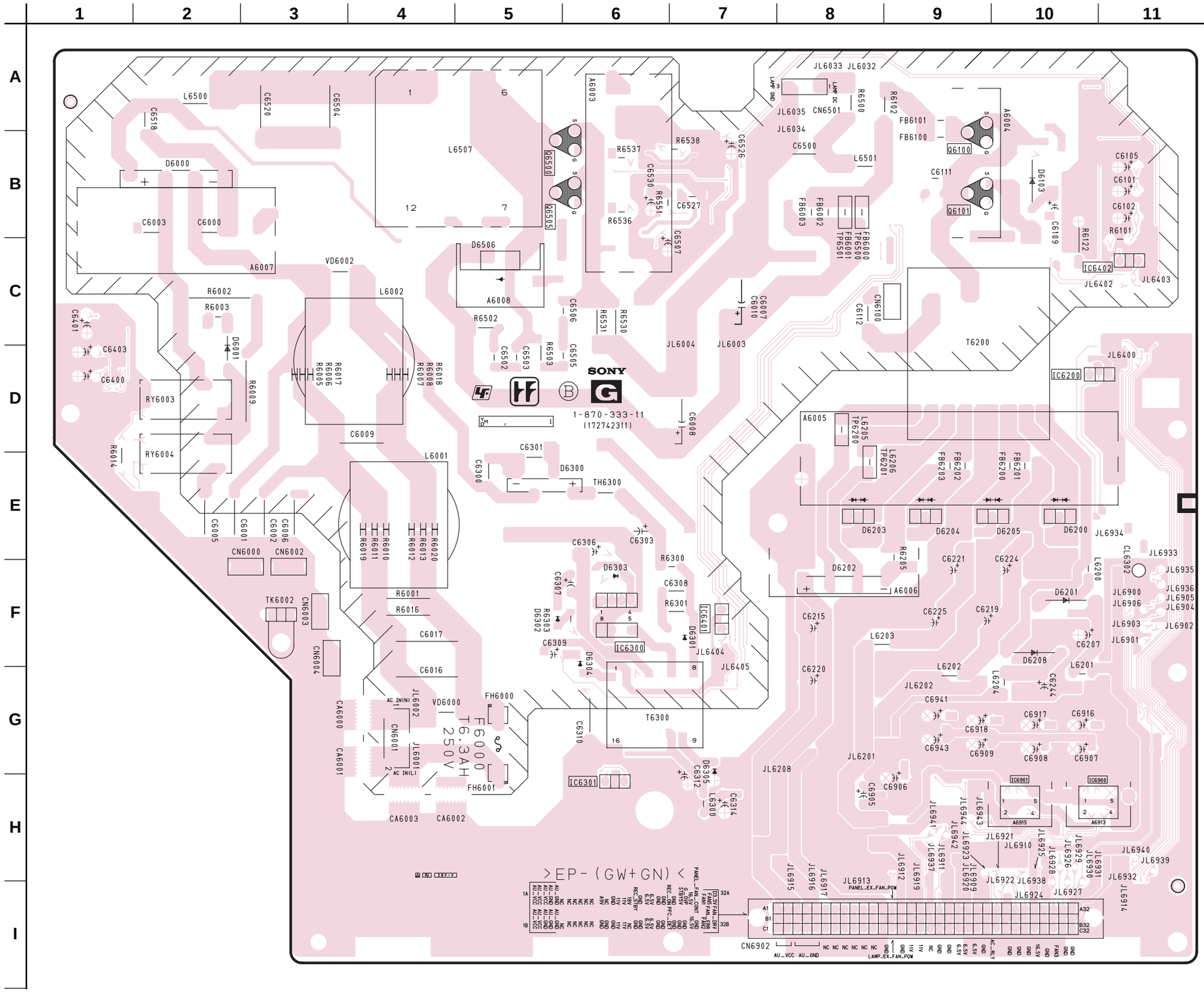
TRANSISTOR			
	Side A	Side B	✻
Q6100	B-3	B-9	
Q6101	B-3	B-9	
Q6200	G-4		②
Q6201	G-4		②
Q6400	G-5		②
Q6401	F-5		②
Q6402	D-11		②
Q6403	D-11		②
Q6404	C-11		②
Q6500	B-7	B-6	
Q6501	B-6		②
Q6502	B-6		②
Q6504	A-2		②
Q6505	B-7	B-6	
Q6900	G-1		②
Q6901	H-4		②
Q6902	H-3		②

PHOTOCOUPLER		
	Side A	Side B
PH6000	C-10	
PH6200	C-2	
PH6300	G-7	
PH6400	G-5	
PH6401	C-2	
PH6402	C-10	

DIODE			
	Side A	Side B	✻
D6000	B-10	B-2	
D6001	C-10	C-3	
D6002	D-11		3
D6102	A-2		3
D6103	B-2	B-10	
D6104	A-2		10
D6105	B-2		10
D6106	B-2		3
D6107	A-2		3
D6108	C-2		3
D6109	B-2		3
D6200	E-2	E-10	
D6201	F-2	F-10	
D6202	F-4	F-8	
D6203	E-4	E-8	
D6204	E-3	E-9	
D6205	E-3	E-9	
D6206	D-1		3
D6207	D-1		3
D6300	E-7	E-5	
D6301	F-6	F-6	
D6302	F-7	F-5	
D6303	F-6	F-6	
D6304	F-6	F-6	
D6305	G-5	H-7	
D6400	E-11		3
D6402	C-11		3
D6501	B-6		10
D6503	B-6		10
D6504	B-6		3
D6506	C-7	C-5	
D6509	B-6		3
D6510	B-5		3
D6511	B-5		3
D6512	B-5		3
D6513	A-2		3
D6900	G-1		9
D6901	G-1		9
D6902	G-2		9
D6904	G-3		9

✻: Refer to Terminal name of semiconductors in silk screen printed circuit (see page 37)

(8) G Board (Side B)

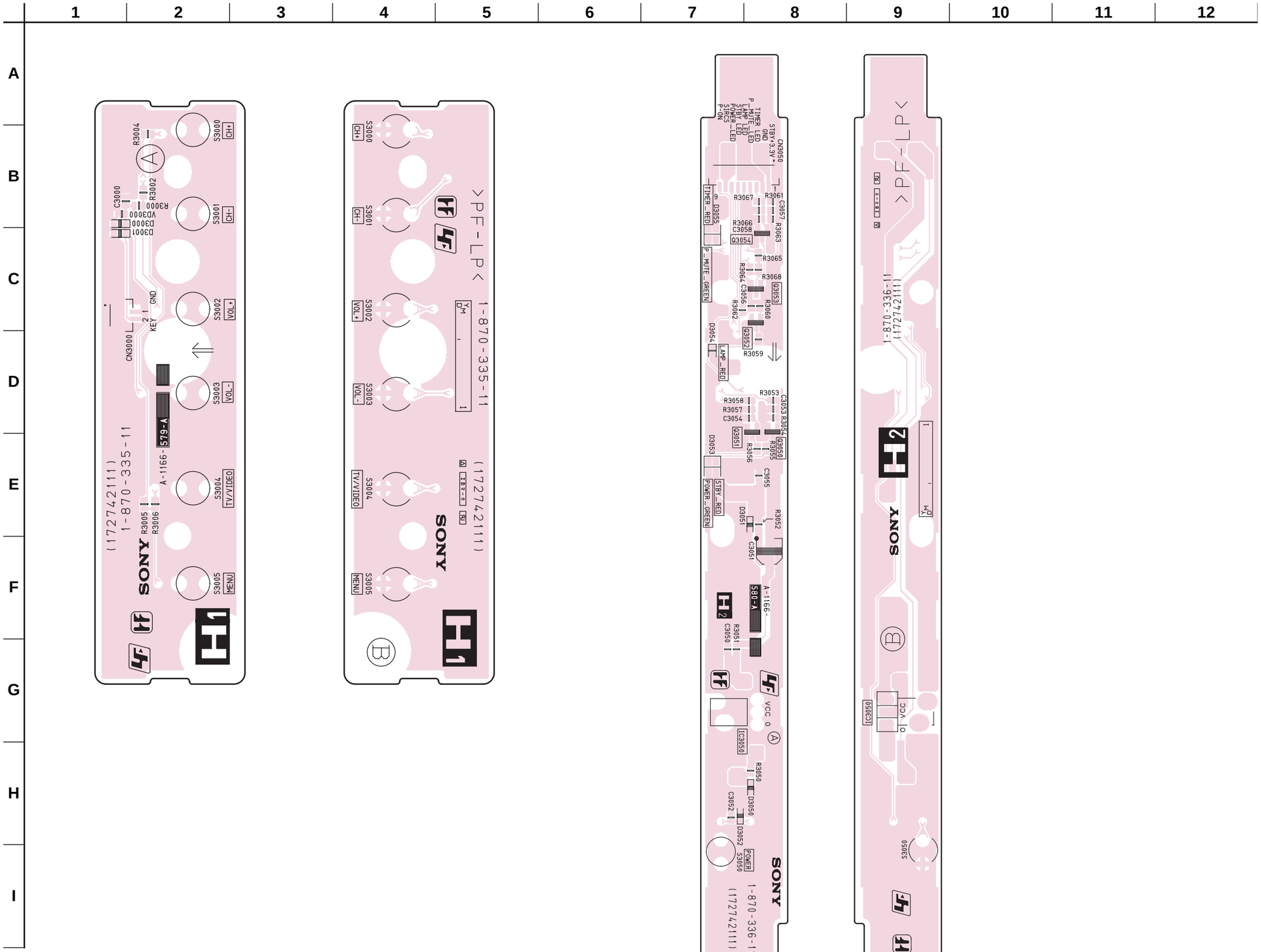


• G BOARD SEMICONDUCTOR LOCATION

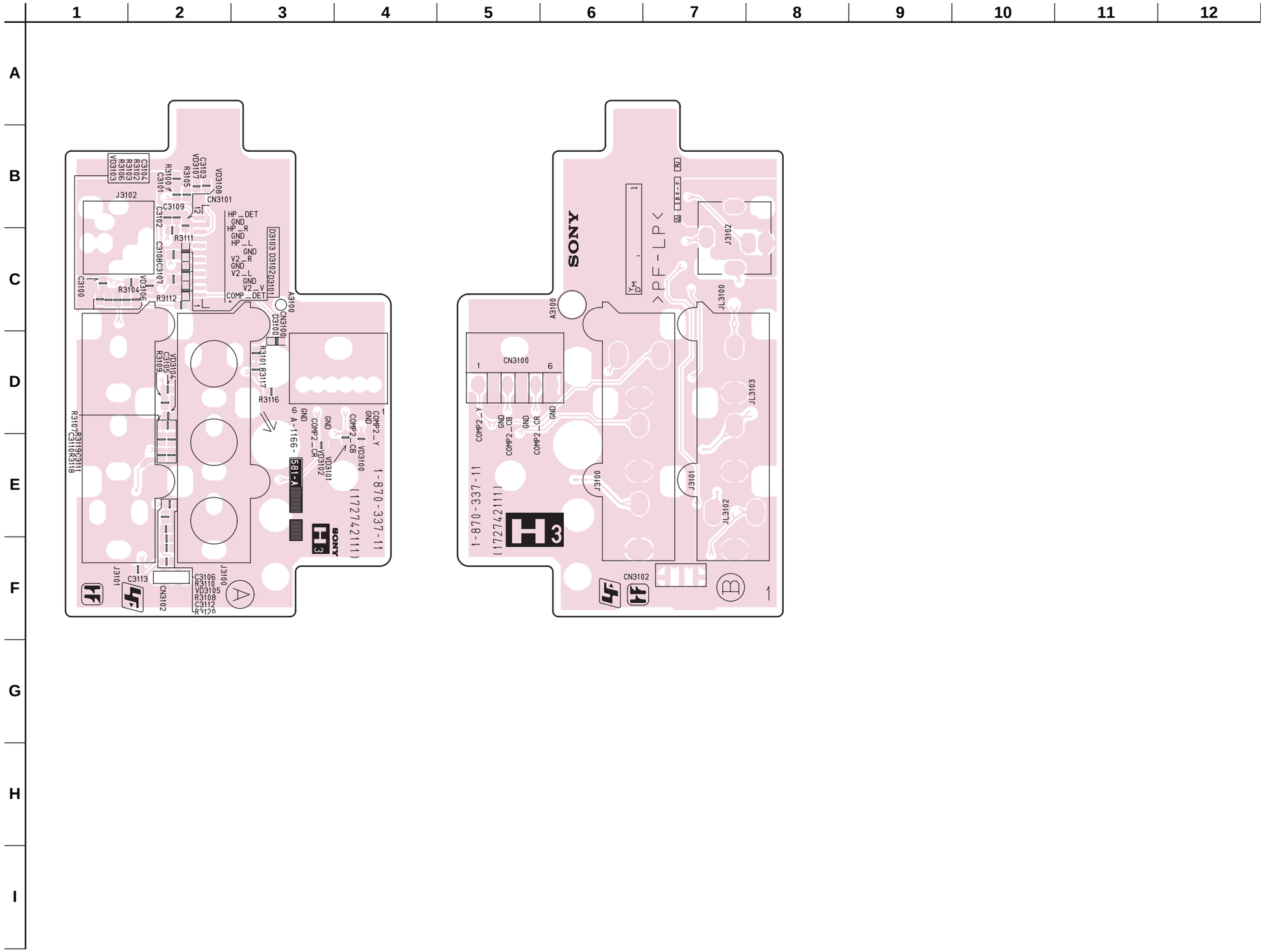
IC			DIODE			
	Side A	Side B		Side A	Side B	✱
IC6100	B-2		D6000	B-10	B-2	
IC6200	D-2	D-10	D6001	C-10	C-3	
IC6202	G-5		D6002	D-11		3
IC6300	F-6	F-6	D6102	A-2		3
IC6301	H-6	H-6	D6103	B-2	B-10	
IC6401	F-7	F-7	D6104	A-2		10
IC6402	C-1	C-11	D6105	B-2		10
IC6502	B-5		D6106	B-2		3
IC6900	H-2		D6107	A-2		3
IC6902	H-3		D6108	C-2		3
TRANSISTOR			D6109	B-2		3
	Side A	Side B ✱	D6200	E-2	E-10	
Q6100	B-3	B-9	D6201	F-2	F-10	
Q6101	B-3	B-9	D6202	F-4	F-8	
Q6200	G-4	②	D6203	E-4	E-8	
Q6201	G-4	②	D6204	E-3	E-9	
Q6400	G-5	②	D6205	E-3	E-9	
Q6401	F-5	②	D6206	D-1		3
Q6402	D-11	②	D6207	D-1		3
Q6403	D-11	②	D6300	E-7	E-5	
Q6404	C-11	②	D6301	F-6	F-6	
Q6500	B-7	B-6	D6302	F-7	F-5	
Q6501	B-6	②	D6303	F-6	F-6	
Q6502	B-6	②	D6304	F-6	F-6	
Q6504	A-2	②	D6305	G-5	H-7	
Q6505	B-7	B-6	D6400	E-11		3
Q6900	G-1	②	D6402	C-11		3
Q6901	H-4	②	D6501	B-6		10
Q6902	H-3	②	D6503	B-6		10
PHOTOCOUPLER			D6504	B-6		3
	Side A	Side B	D6506	C-7	C-5	
PH6000	C-10		D6509	B-6		3
PH6200	C-2		D6510	B-5		3
PH6300	G-7		D6511	B-5		3
PH6400	G-5		D6512	B-5		3
PH6401	C-2		D6513	A-2		3
PH6402	C-10		D6900	G-1		9
			D6901	G-1		9
			D6902	G-2		9
			D6904	G-3		9

✱: Refer to Terminal name of semiconductors in silk screen printed circuit (see page 37)

(9) H1, H2 Boards

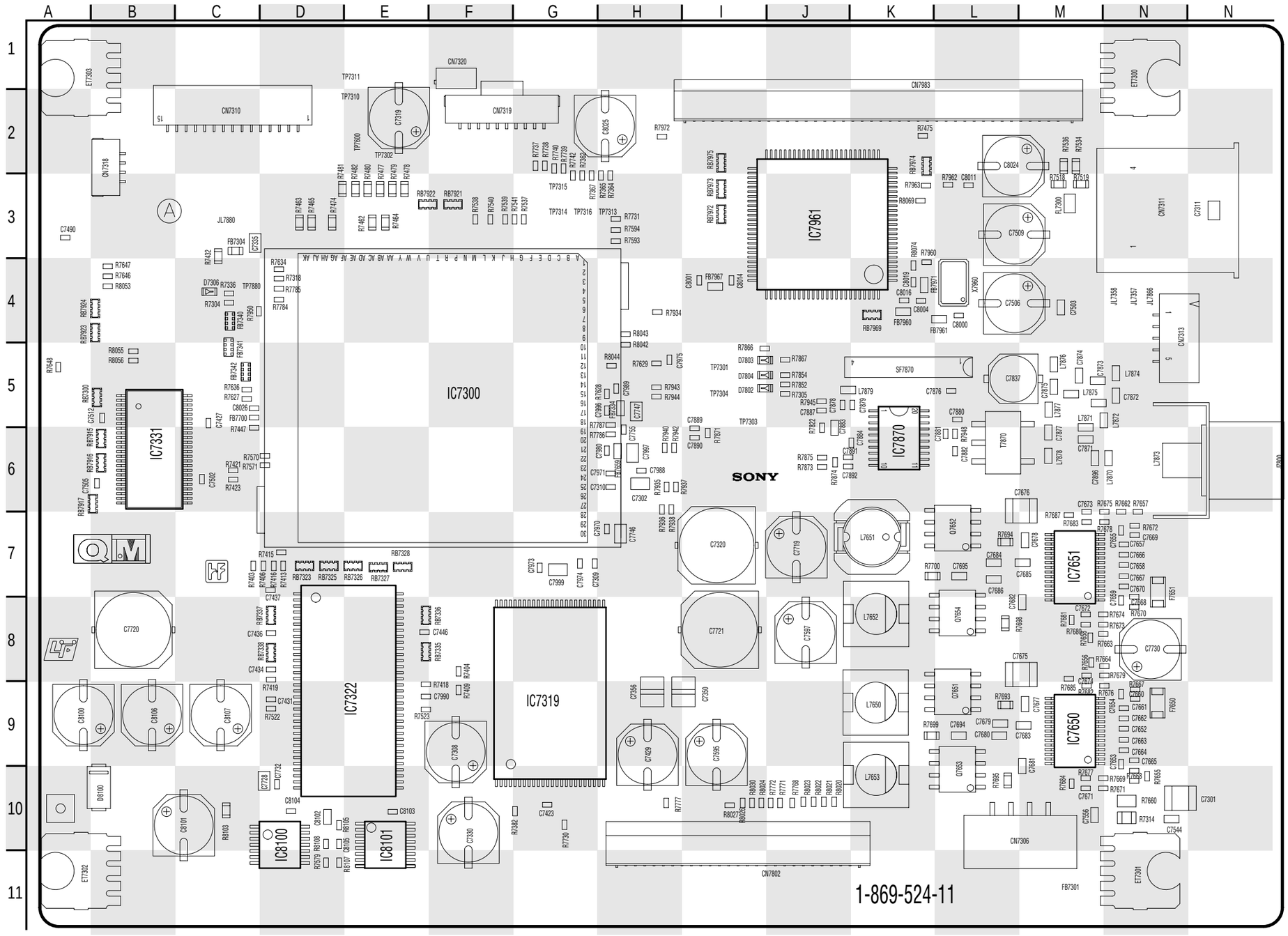


(10) H3 Boards

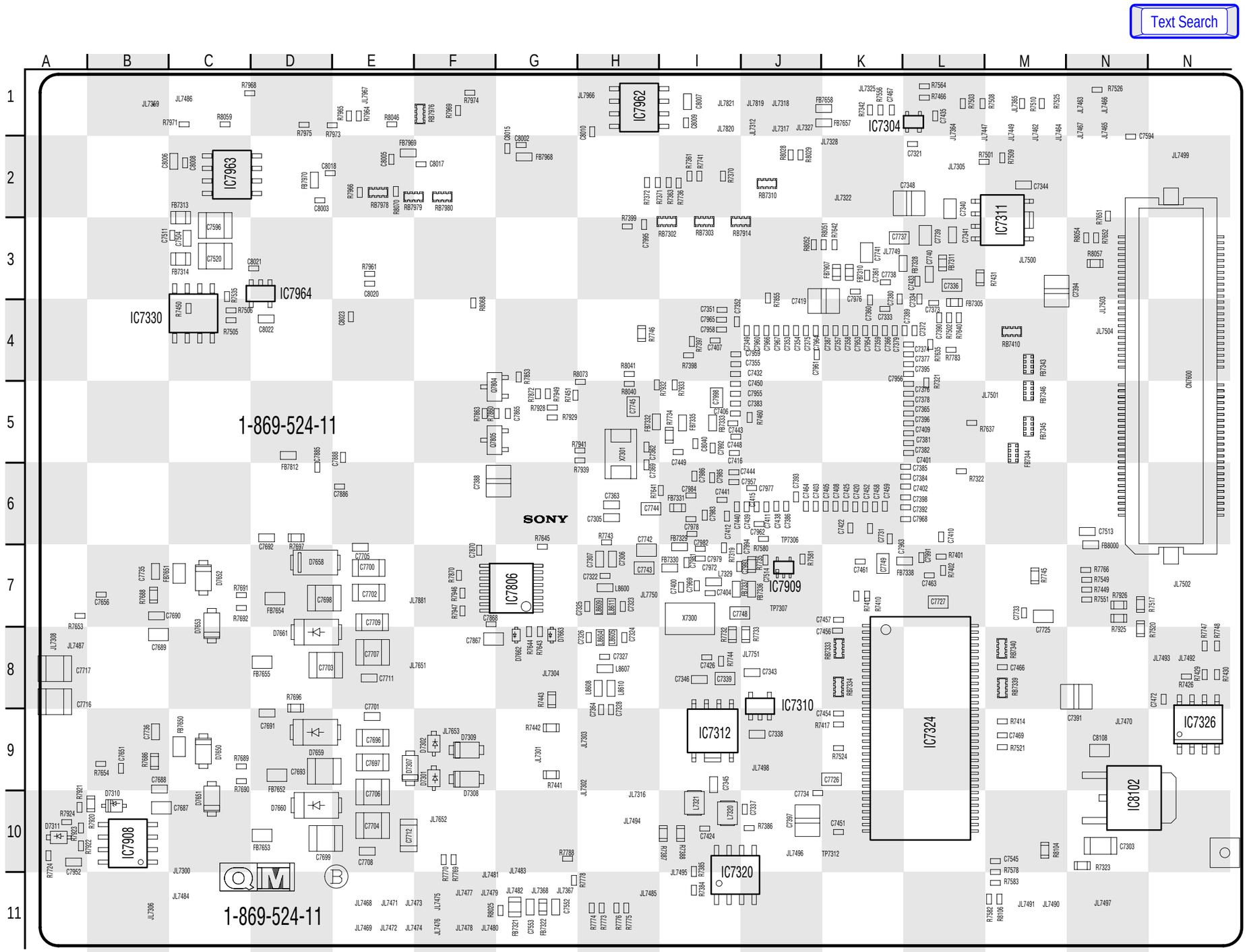

1 2 3 4 5 6 7 8 9 10 11 12
A B C D E F G H I
SONY
>PF-LPK<
CN3100
J3102
JL3100
JL3103
JL3102
J3100
J3101
A3100
H3
1-870-337-11
(172742111)
CN3102
C3104 R3102 R3103 R3106 VD3103
R3104 C3101
C3103 VD3107 R3105
VD3108
CN3101
C3109
C3102
R3111
C3108 C3107
C3100
R3104
VD3106
R3112
HP_DET
GND
HP_R
GND
HP_L
GND
V2_R
GND
V2_L
GND
V2_V
COMP_DET
D3103 D3102 D3101
A3100
CN3100
D3100
R3101 R3117
R3116
R3107 R3119 C3111
R3110 C3110 R3118
VD3104
C3105
R3109
GND
COMP2_Y
GND
COMP2_CB
GND
COMP2_CR
VD3100
VD3101
VD3102
581-A
1-870-337-11
(172742111)
C3113
CN3102
C3106
R3110
VD3105
R3108
C3112
R3120
J3100
J3101
A
B
1

(11) QM Board (Side A)

Text Search

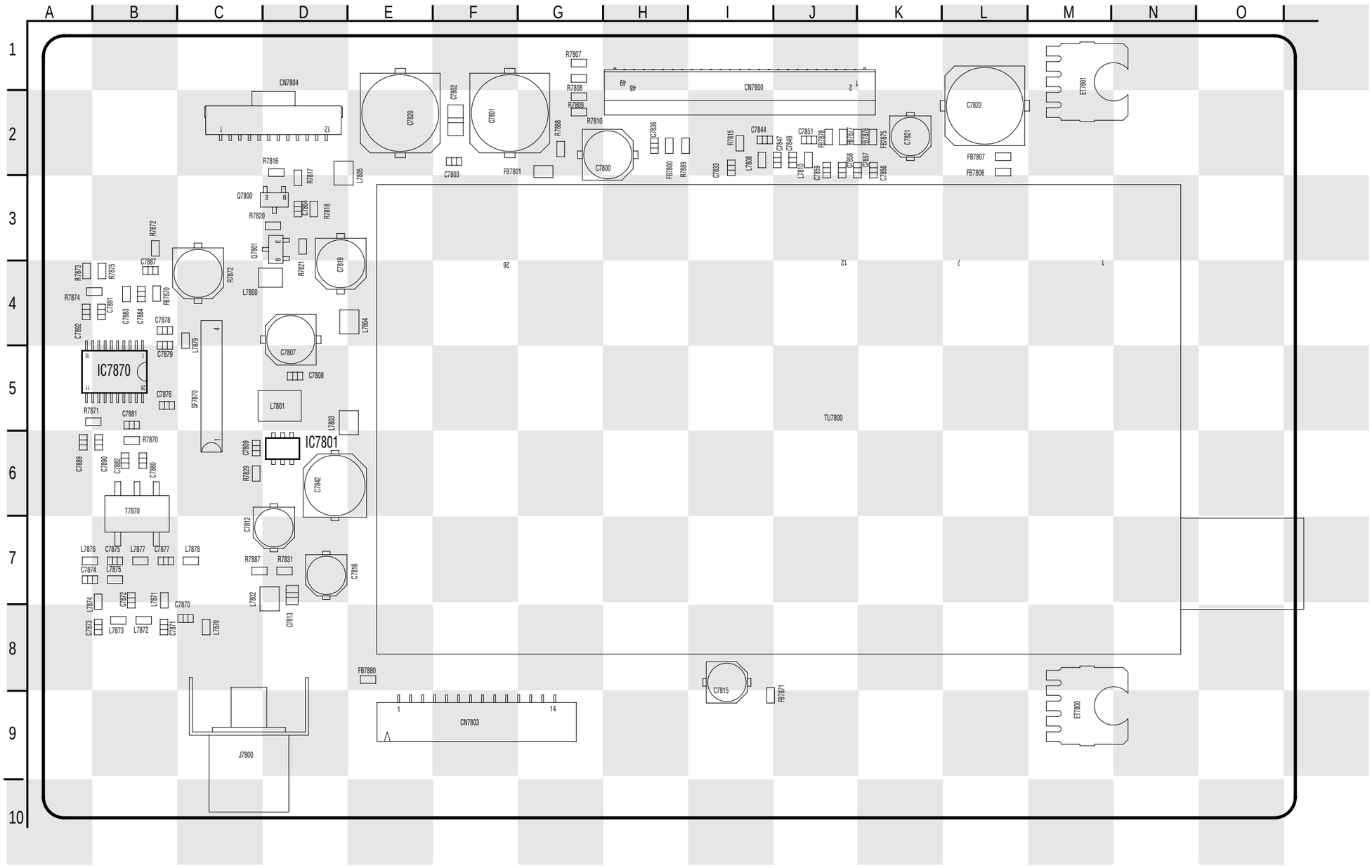


(12) QM Board (Side B)

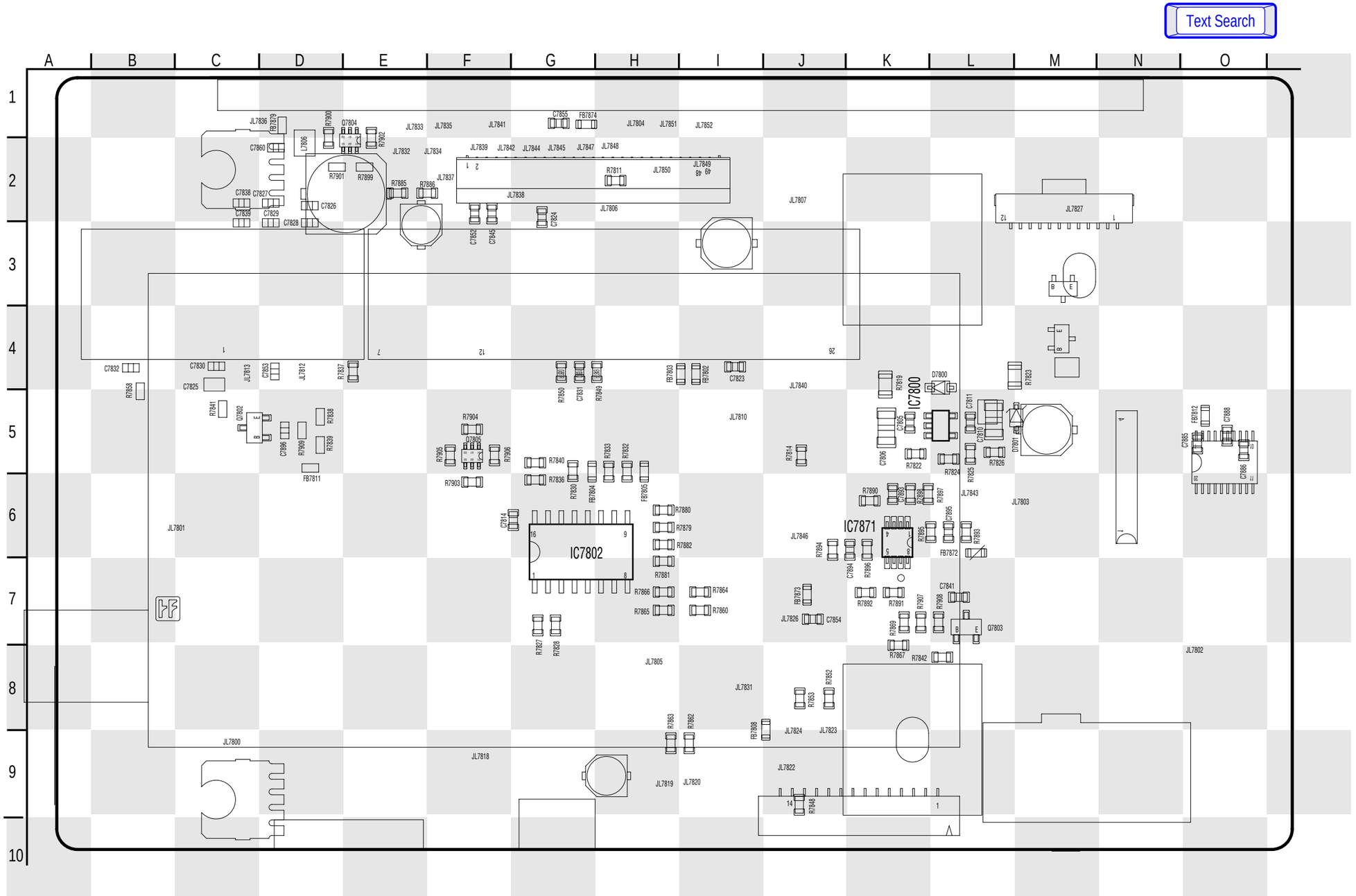


(13) QT Board (Side A)

Text Search



(14) QT Board (Side B)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FB7808
FB7811
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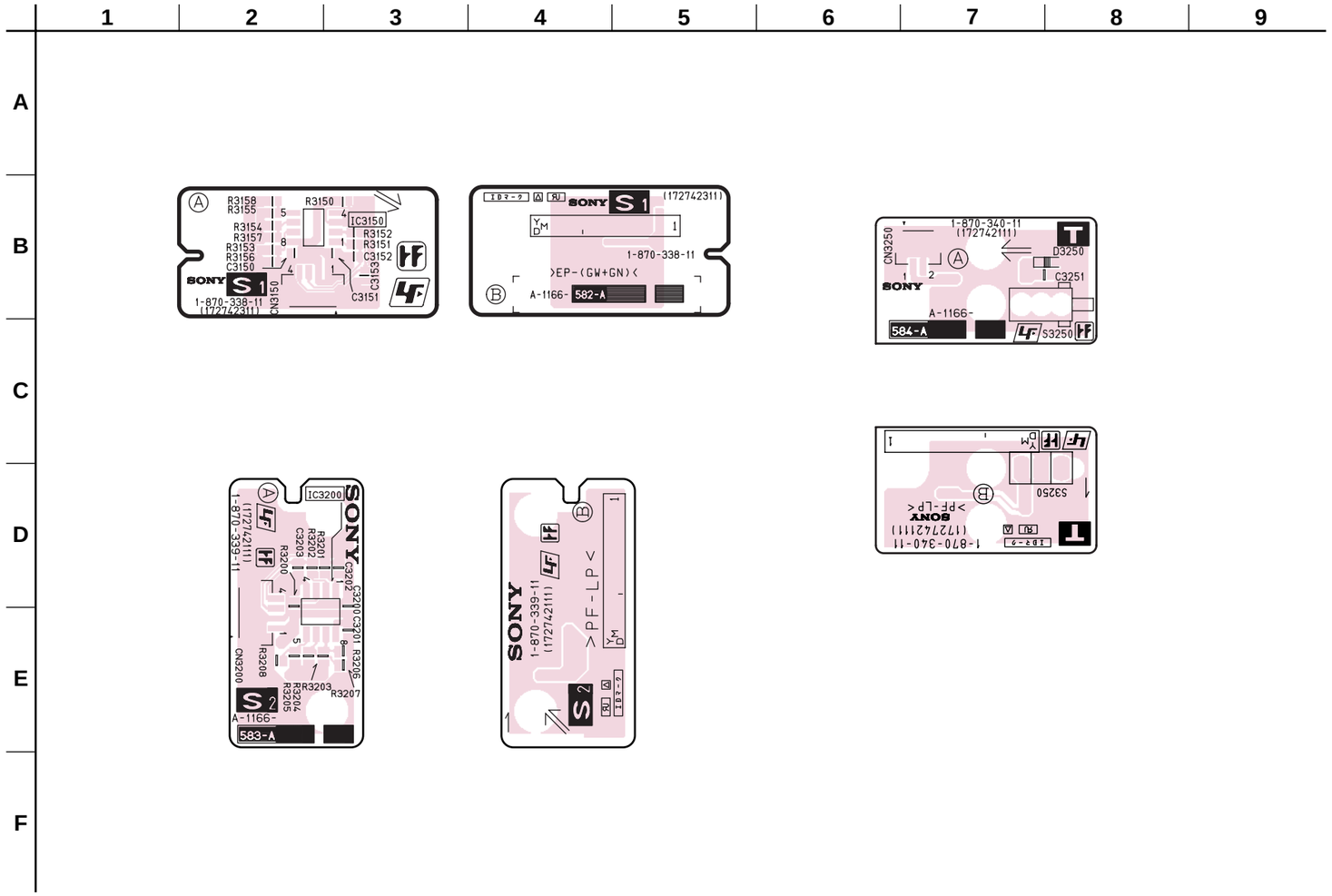
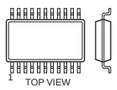
(15) S1, S2, T Board



4-6. SEMICONDUCTORS

CXA1875AM-T4



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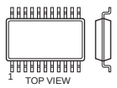
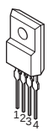
M24C02-WMN6T(B)
M24C64-WMN6T(B)
MM1096AFF
NJM4558V-TE2

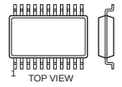


8PIN

PQ070XHA1ZPH



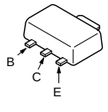
TLC2933AIPWR



14PIN

2PA1576A-115
2PC4081R-115
2SA1037K-T146-R
2SA1576A-T106-QR
2SB624-BV5
2SC1623-L5L6
2SC3624A-T1L15L16
2SC4081-R
2SC4178-F14
2SD596-DV5
DTC114EUA
DTC114YUA
DTC144EUA-T106

2SB1122-S
2SD1621-S
2SK2036(TE85L)



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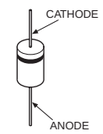
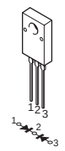
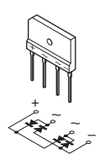
RD5.6SB-T1



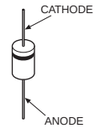
D10SC6M



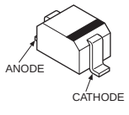
D1NL40-TA2
D2SB60A-F04
D4SBS6



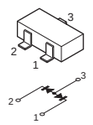
D1NS6-TR2
ERA22-08KFLB
S3L20UF4



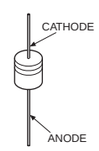
DTZ10B
MA111-TX
MA113-(TX)
MMDL914T1
UDZ-TE-17-6.8B
UDZ-TE-17-7.5B
UDZS-TE-17-3.3B
UDZS-TE-17-3.9B
UDZS-TE-17-5.6B



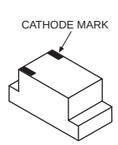
M1MA152WK-T1



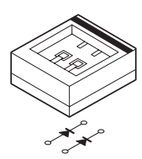
MM3Z12VT1
MM3Z16VST1
MM3Z3V9T1



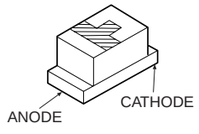
SEC1901C



SML-020MVT-T86



SML-310LTT86
SML-310MTT86



SECTION 5
EXPLODED VIEWS

NOTE:
- Items with no part number and no description are not stocked because they are seldom required for routine service
- The construction parts of an assembled part are indicated with a collation number in the remark column.
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

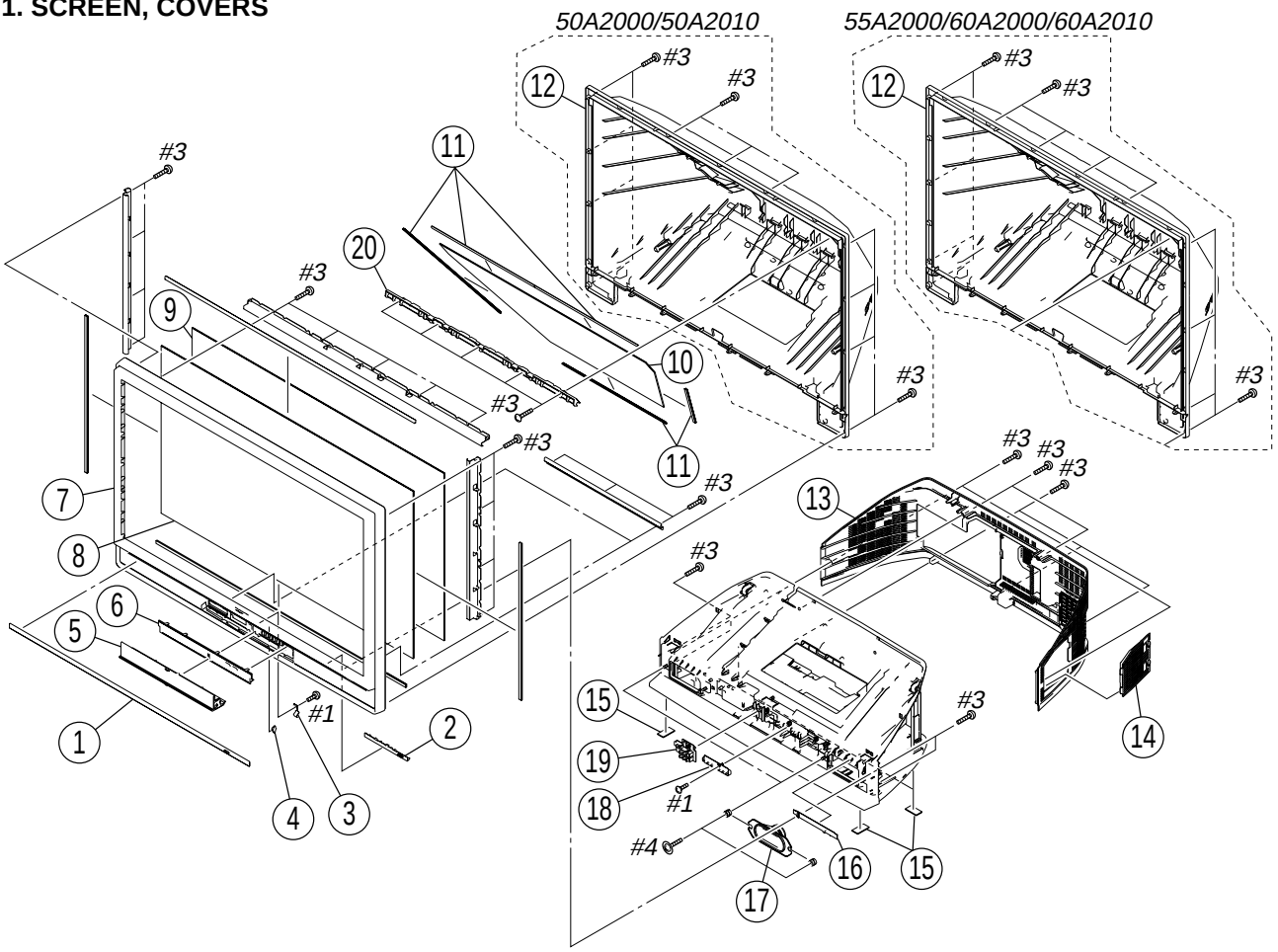
The components identified by shading and mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifies par une trame et une marque ⚠ sont critiques pour la securite.
Ne les remplacer que par une piece portant le numero specifie.

The components identified by mark 🔒 contain confidential information.
Strictly follow the instructions whenever the components are repaired and/or replaced.

Les composants identifiés par la marque 🔒 contiennent des informations confidentielles.
Suivre scrupuleusement les instructions chaque fois qu'un composant est remplacé et/ou réparé.

1. SCREEN, COVERS



REF. NO.	PART NO.	DESCRIPTION	REMARK
1	A-1201-035-A	PANEL, INDICATOR (50) ASSY	(50A2000)
1	A-1201-036-A	PANEL, INDICATOR (55) ASSY	(55A2000)
1	A-1201-037-A	PANEL, INDICATOR (60) ASSY	(60A2000)
1	A-1203-652-A	PANEL, INDICATOR (60) ASSY	(60A2010)
1	A-1203-658-A	PANEL, INDICATOR (50) ASSY	(50A2010)
2	2-675-306-01	GUIDE, LED	
3	2-675-309-01	SPRING, FRONT DOOR	
4	3-973-975-01	DAMPER, OIL	
5	2-675-307-01	DOOR, CONTROL	
6	2-675-308-01	TERMINAL BKT (FR)	
7	A-1201-032-A	SCREEN FRAME ASSY (50)	(50A2000)
7	A-1201-033-A	SCREEN FRAME ASSY (55)	(55A2000)
7	A-1201-034-A	SCREEN FRAME ASSY (60)	(60A2000)
7	A-1203-651-A	SCREEN FRAME ASSY (60)	(60A2010)
7	A-1203-657-A	SCREEN FRAME ASSY (50)	(50A2010)
8	2-679-056-11	DIFFUSION PLATE (50L)	(50A2000, 50A2010)
8	2-679-058-11	DIFFUSION PLATE (55L)	(55A2000)
8	2-679-060-11	DIFFUSION PLATE (60L)	(60A2000, 60A2010)
9	2-679-059-11	DIFFUSION PLATE (55F)	(55A2000)
9	2-679-061-11	DIFFUSION PLATE (60F)	(60A2000, 60A2010)
9	2-687-107-11	DIFFUSION PLATE (50F)	(50A2000, 50A2010)
10	A-1202-041-A	MIRROR (60) ASSY	(60A2000, 60A2010)

REF. NO.	PART NO.	DESCRIPTION	REMARK
10	A-1202-042-A	MIRROR (55) ASSY	(55A2000)
10	A-1202-043-A	MIRROR (50) ASSY	(50A2000, 50A2010)
11	2-682-305-01	GUARD, MIRROR EDGE	(50A2000, 50A2010)
11	2-682-305-11	GUARD, MIRROR EDGE	(55A2000)
11	2-682-305-21	GUARD, MIRROR EDGE	(60A2000, 60A2010)
12	A-1201-030-A	COVER, MIRROR (55) ASSY	(55A2000)
12	A-1201-031-A	COVER, MIRROR (60) ASSY	(60A2000, 60A2010)
12	A-1201-042-A	COVER, MIRROR (50) ASSY	(50A2000, 50A2010)
13	A-1201-028-A	COVER ASSY, REAR	
14	2-675-132-01	COVER,DOOR	
15	4-097-548-01	CUSHION, FOOT	
16	A-1166-580-A	H2 BOARD, COMPLETE	
17	1-826-475-11	LOUDSPEAKER (6.5X13cm)	
18	A-1166-579-A	H1 BOARD, COMPLETE	
19	A-1166-581-A	H3 BOARD, COMPLETE	
20	2-675-263-01	HOLDER, MIRROR (50)	(50A2000, 50A2010)
20	2-675-264-01	HOLDER, MIRROR (55/60)	(55A2000, 60A2000, 60A2010)
#1	7-685-648-79	SCREW +BVTP 3X12 TYPE2 IT-3	
#3	2-580-640-01	SCREW, +BVTP2 4X16	
#4	2-580-654-01	SCREW, +PWTP2 4X16	

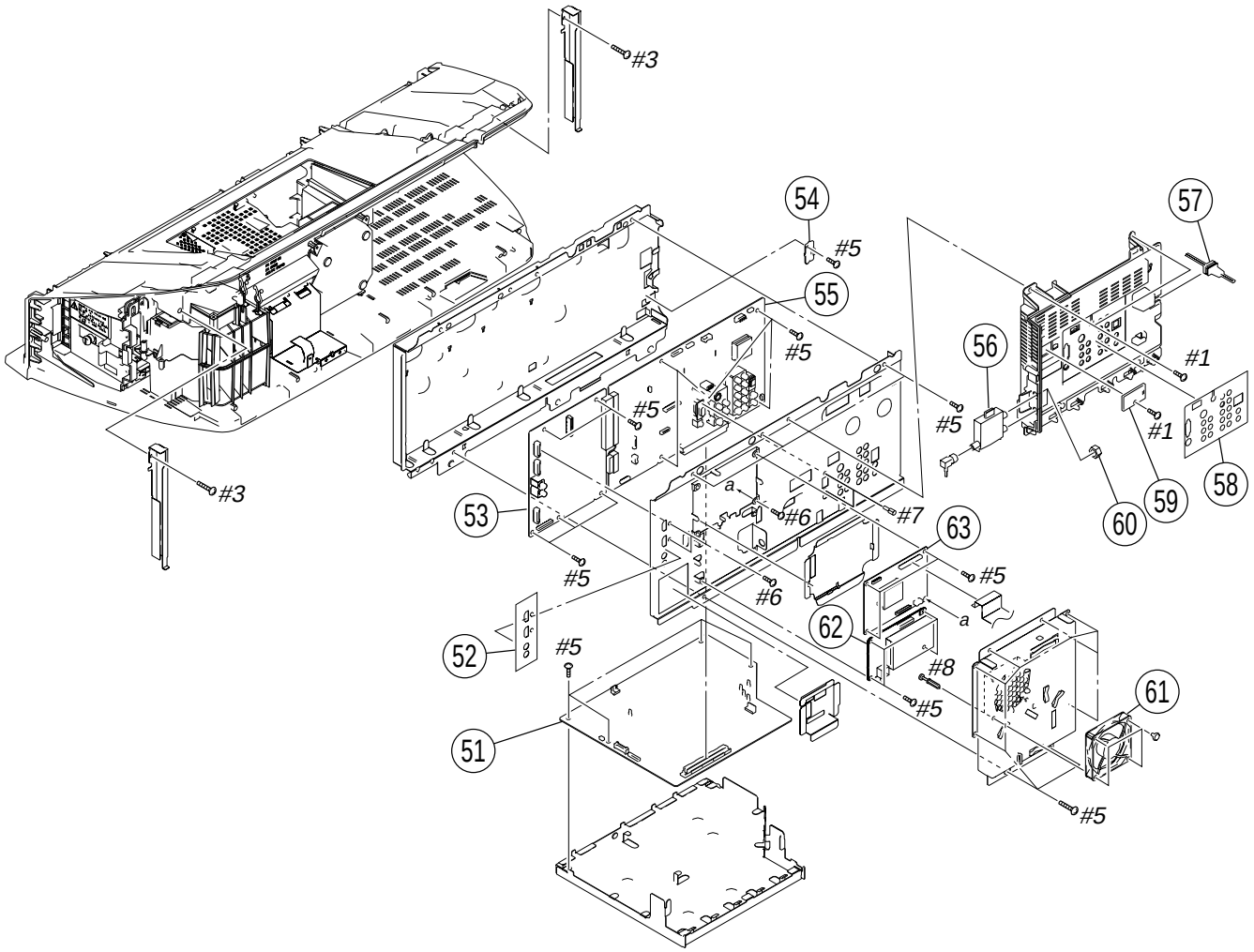
2. CHASSIS ASSEMBLY

The components identified by shading and mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifies par une trame et une marque ⚠ sont critiques pour la securite.
Ne les remplacer que par une piece portant le numero specifie.

The components identified by mark 🔒 contain confidential information.
Strictly follow the instructions whenever the components are repaired and/or replaced.

Les composants identifiés par la marque 🔒 contiennent des informations confidentielles.
Suivre scrupuleusement les instructions chaque fois qu'un composant est remplacé et/ou réparé.



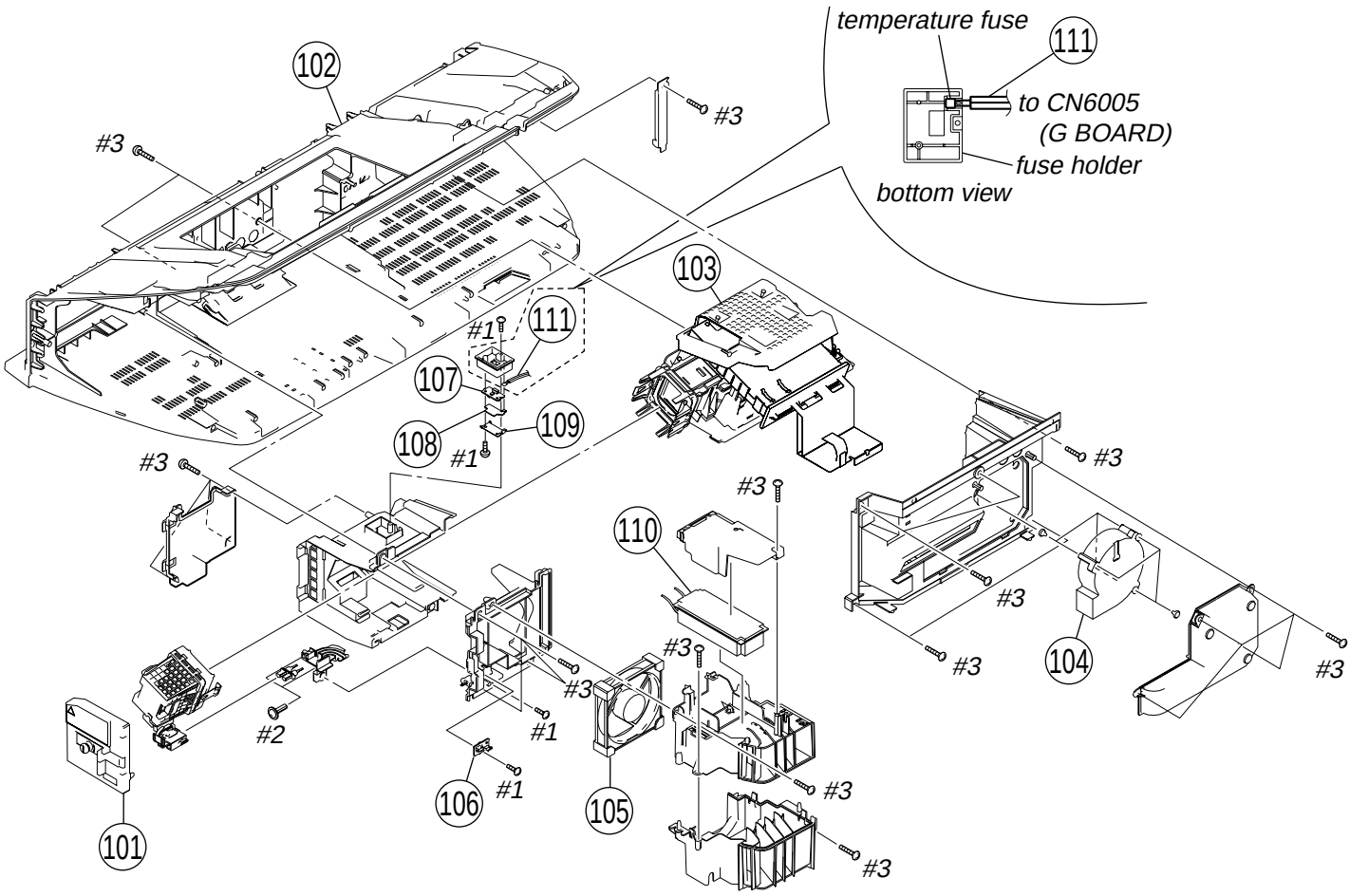
REF. NO.		PART NO.	DESCRIPTION	REMARK
51		A-1186-654-A	G BOARD, COMPLETE	
52		2-675-143-01	LABEL,HDMI	
53	🔒	A-1205-147-A	B1 BOARD, COMPLETE	
54	*	A-1166-582-A	S1 BOARD, COMPLETE	
55		A-1205-144-A	A1 BOARD, COMPLETE (60A2000,60A2010)	
55		A-1205-145-A	A1 BOARD, COMPLETE (55A2000)	
55		A-1205-146-A	A1 BOARD, COMPLETE (50A2000, 50A2010)	
56	⚠	1-417-716-11	ANTENNA SW	
57	⚠	1-791-192-31	CORD, NOISE FILTER WITH POWER	
58		2-675-142-01	LABEL,TERMINAL	
59		4-069-675-21	CAP, TERMINAL BOARD	

REF. NO.		PART NO.	DESCRIPTION	REMARK
60		3-682-691-00	NUT, WASHER HEXAGON	
61	⚠	1-787-333-11	D.C. FAN	
62		A-1206-154-A	QT BOARD, COMPLETE	
63		A-1205-237-A	QM BOARD, COMPLETE	
#1		7-685-648-79	SCREW +BVTP 3X12 TYPE2 IT-3	
#3		2-580-640-01	SCREW, +BVTP2 4X16	
#5		2-580-628-01	SCREW, +BVST 3X6	
#6		2-580-590-01	SCREW , +PSW M3X5	
#7		2-580-626-01	SCREW, SP 4-4O UNC	
#8		2-689-898-01	RIVET, TURN	

3. OPTICS BLOCK

The components identified by shading and mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifies par une trame et une marque ⚠ sont critiques pour la securite.
Ne les remplacer que par une piece portant le numero specifie.



REF. NO.	PART NO.	DESCRIPTION	REMARK
101	X-2109-529-1	DOOR ASSY, LAMP	
102	A-1201-029-A	CABINET ASSY, BOTTOM	
103	⚠ A-1203-194-A	OPTICS BLOCK ASSY (A60)	(60A2000, 60A2010)
103	⚠ A-1203-195-A	OPTICS BLOCK ASSY (A55)	(55A2000)
103	⚠ A-1203-196-A	OPTICS BLOCK ASSY (A50)	(50A2000, 50A2010)
104	⚠ 8-835-873-11	MOTOR, DC SFF24A/C-NP	
105	⚠ 8-835-860-31	MOTOR, DC SFF21C/C-NP	
106	A-1166-584-A	T BOARD, COMPLETET	

REF. NO.	PART NO.	DESCRIPTION	REMARK
107	A-1166-583-A	S2 BOARD, COMPLETE	
108	2-691-973-01	SHEET, FUSE	
109	2-691-972-01	PLATE, FUSE	
110	⚠ 1-474-012-11	EUC120DP/51	
111	⚠ 1-910-028-27	CONNECTOR ASSY 2P	(including temprature fuse)
#1	7-685-648-79	SCREW +BVTP 3X12 TYPE2 IT-3	
#2	7-685-903-31	SCREW +PTPWH 3X10 (TYPE2)	
#3	2-580-640-01	SCREW, +BVTP2 4X16	

SECTION 6

ELECTRICAL PARTS LIST

A1

The components identified by shading and mark ⚠ are critial for safety.
Replace only with part number specified.

Les composants identifies par une trame et une marque ⚠ sont critiques pour la securite.
Ne les remplacer que par une piece portant le numero specifie.

The components identified by mark 🔒 contain confidential information.
Strictly follow the instructions whenever the components are repaired and/or replaced.

Les composants identifiés par la marque 🔒 contiennent des informations confidentielles.
Suivre scrupuleusement les instructions chaque fois qu'un composant est remplacé et/ou réparé.

When indicating parts by reference number, please include the board name.

- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- RESISTORS
  All resistors are in ohms
  F : nonflammable
- CAPACITORS
  PF : μμF
- There are some cases the reference number on one board overlaps on the other board. Therefore, when ordering parts by the reference number, please include the board name.

REF. NO.	PART NO.	DESCRIPTION			REMARK
	A-1205-144-A	A1 BOARD, COMPLETE (60A2000, 60A2010)			
	A-1205-145-A	A1 BOARD, COMPLETE (55A2000)			
	A-1205-146-A	A1 BOARD, COMPLETE (50A2000, 50A2010)			
		**********			
		< CAPACITOR >			
C8002	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8003	1-128-993-21	ELECT CHIP	22uF	20%	10V
C8004	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8005	1-128-993-21	ELECT CHIP	22uF	20%	10V
C8006	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8009	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8011	1-128-993-21	ELECT CHIP	22uF	20%	10V
C8012	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8013	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8014	1-128-993-21	ELECT CHIP	22uF	20%	10V
C8015	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8016	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8017	1-112-777-11	CERAMIC CHIP	0.01uF	10%	25V
C8018	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8024	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8026	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C8027	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8028	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8029	1-165-887-91	CERAMIC CHIP	0.22uF	10%	6.3V
C8030	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8035	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8036	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8037	1-100-905-11	CERAMIC CHIP	0.001uF	10%	50V
C8038	1-112-733-81	CERAMIC CHIP	20PF	5%	50V
C8039	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8040	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8041	1-164-860-11	CERAMIC CHIP	27PF	5%	50V
C8043	1-100-905-11	CERAMIC CHIP	0.001uF	10%	50V
C8044	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8045	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8046	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8047	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8050	1-162-918-11	CERAMIC CHIP	18PF	5%	50V
C8051	1-162-919-11	CERAMIC CHIP	22PF	5%	50V
C8052	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8053	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8060	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8061	1-127-760-11	CERAMIC CHIP	4.7uF	10%	6.3V
C8062	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8063	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8064	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8065	1-112-777-11	CERAMIC CHIP	0.01uF	10%	25V
C8066	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8067	1-100-905-11	CERAMIC CHIP	0.001uF	10%	50V
C8068	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8070	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8071	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8072	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8073	1-100-905-11	CERAMIC CHIP	0.001uF	10%	50V
C8075	1-100-905-11	CERAMIC CHIP	0.001uF	10%	50V
C8076	1-100-905-11	CERAMIC CHIP	0.001uF	10%	50V
C8077	1-100-905-11	CERAMIC CHIP	0.001uF	10%	50V
C8078	1-100-905-11	CERAMIC CHIP	0.001uF	10%	50V
C8079	1-100-905-11	CERAMIC CHIP	0.001uF	10%	50V
C8080	1-100-905-11	CERAMIC CHIP	0.001uF	10%	50V
C8081	1-100-905-11	CERAMIC CHIP	0.001uF	10%	50V
C8086	1-100-905-11	CERAMIC CHIP	0.001uF	10%	50V
C8087	1-112-777-11	CERAMIC CHIP	0.01uF	10%	25V
C8088	1-112-777-11	CERAMIC CHIP	0.01uF	10%	25V
C8089	1-112-777-11	CERAMIC CHIP	0.01uF	10%	25V
C8300	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8303	1-112-064-11	CERAMIC CHIP	2.2uF	10%	10V
C8304	1-112-064-11	CERAMIC CHIP	2.2uF	10%	10V
C8305	1-112-064-11	CERAMIC CHIP	2.2uF	10%	10V
C8306	1-112-064-11	CERAMIC CHIP	2.2uF	10%	10V
C8307	1-112-064-11	CERAMIC CHIP	2.2uF	10%	10V
C8308	1-112-064-11	CERAMIC CHIP	2.2uF	10%	10V
C8309	1-112-064-11	CERAMIC CHIP	2.2uF	10%	10V
C8310	1-112-064-11	CERAMIC CHIP	2.2uF	10%	10V
C8311	1-112-064-11	CERAMIC CHIP	2.2uF	10%	10V
C8312	1-112-064-11	CERAMIC CHIP	2.2uF	10%	10V
C8313	1-112-064-11	CERAMIC CHIP	2.2uF	10%	10V
C8314	1-112-064-11	CERAMIC CHIP	2.2uF	10%	10V
C8315	1-112-064-11	CERAMIC CHIP	2.2uF	10%	10V
C8316	1-112-064-11	CERAMIC CHIP	2.2uF	10%	10V
C8317	1-112-064-11	CERAMIC CHIP	2.2uF	10%	10V
C8318	1-112-064-11	CERAMIC CHIP	2.2uF	10%	10V
C8319	1-112-064-11	CERAMIC CHIP	2.2uF	10%	10V
C8320	1-112-064-11	CERAMIC CHIP	2.2uF	10%	10V
C8325	1-128-992-21	ELECT CHIP	47uF	20%	25V
C8326	1-128-992-21	ELECT CHIP	47uF	20%	25V
C8327	1-128-992-21	ELECT CHIP	47uF	20%	25V
C8329	1-128-992-21	ELECT CHIP	47uF	20%	25V
C8330	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8331	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8332	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8333	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8334	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8335	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8336	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V

REF. NO.	PART NO.	DESCRIPTION			REMARK
C8337	1-128-992-21	ELECT CHIP	47uF	20%	25V
C8338	1-112-064-11	CERAMIC CHIP	2.2uF	10%	10V
C8339	1-164-939-11	CERAMIC CHIP	0.0022uF	10%	50V
C8340	1-112-064-11	CERAMIC CHIP	2.2uF	10%	10V
C8341	1-112-064-11	CERAMIC CHIP	2.2uF	10%	10V
C8342	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8343	1-114-130-11	CERAMIC CHIP	1uF		6.3V
C8344	1-114-130-11	CERAMIC CHIP	1uF		6.3V
C8345	1-114-130-11	CERAMIC CHIP	1uF		6.3V
C8346	1-128-992-21	ELECT CHIP	47uF	20%	25V
C8347	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8348	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8350	1-107-819-11	CERAMIC CHIP	0.022uF	10%	16V
C8351	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8352	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8353	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C8354	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8355	1-112-777-11	CERAMIC CHIP	0.01uF	10%	25V
C8356	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8357	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8358	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8359	1-128-992-21	ELECT CHIP	47uF	20%	25V
C8360	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C8361	1-112-777-11	CERAMIC CHIP	0.01uF	10%	25V
C8362	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8363	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8364	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8366	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8367	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8368	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8369	1-165-875-11	CERAMIC CHIP	10uF	10%	10V
C8370	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8372	1-165-875-11	CERAMIC CHIP	10uF	10%	10V
C8373	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8374	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8375	1-112-777-11	CERAMIC CHIP	0.01uF	10%	25V
C8376	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8377	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8378	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8383	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8384	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8385	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8386	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8387	1-112-064-11	CERAMIC CHIP	2.2uF	10%	10V
C8388	1-112-064-11	CERAMIC CHIP	2.2uF	10%	10V
C8390	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8391	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8392	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8393	1-112-064-11	CERAMIC CHIP	2.2uF	10%	10V
C8394	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8395	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8396	1-112-064-11	CERAMIC CHIP	2.2uF	10%	10V
C8397	1-112-064-11	CERAMIC CHIP	2.2uF	10%	10V
C8398	1-112-064-11	CERAMIC CHIP	2.2uF	10%	10V
C8405	1-112-777-11	CERAMIC CHIP	0.01uF	10%	25V
C8406	1-107-819-11	CERAMIC CHIP	0.022uF	10%	16V
C8407	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C8408	1-164-939-11	CERAMIC CHIP	0.0022uF	10%	50V
C8409	1-128-996-11	ELECT CHIP	4.7uF	20%	50V
C8414	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8415	1-128-992-21	ELECT CHIP	47uF	20%	25V
C8416	1-128-992-21	ELECT CHIP	47uF	20%	25V
C8424	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8425	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V

REF. NO.	PART NO.	DESCRIPTION			REMARK
C8427	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8429	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8430	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8431	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8433	1-117-681-11	ELECT CHIP	100uF	20%	16V
C8434	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8435	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8438	1-117-681-11	ELECT CHIP	100uF	20%	16V
C8439	1-100-567-81	CERAMIC CHIP	10000PF	10%	25V
C8440	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8441	1-164-872-11	CERAMIC CHIP	82PF	5%	50V
C8442	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C8445	1-117-681-11	ELECT CHIP	100uF	20%	16V
C8449	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8450	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C8452	1-128-992-21	ELECT CHIP	47uF	20%	25V
C8453	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8454	1-128-992-21	ELECT CHIP	47uF	20%	25V
C8455	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8525	1-162-918-11	CERAMIC CHIP	18PF	5%	50V
C8526	1-162-918-11	CERAMIC CHIP	18PF	5%	50V
C8528	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8530	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8532	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8533	1-100-053-21	ELECT CHIP	220uF	20%	6.3V
C8534	1-112-777-11	CERAMIC CHIP	0.01uF	10%	25V
C8535	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8536	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8537	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8538	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8539	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8540	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8542	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8543	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8544	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8545	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8570	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8571	1-112-064-11	CERAMIC CHIP	2.2uF	10%	10V
C8572	1-112-064-11	CERAMIC CHIP	2.2uF	10%	10V
C8573	1-165-875-11	CERAMIC CHIP	10uF	10%	10V
C8574	1-165-875-11	CERAMIC CHIP	10uF	10%	10V
C8575	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8576	1-164-866-11	CERAMIC CHIP	47PF	5%	50V
C8577	1-164-866-11	CERAMIC CHIP	47PF	5%	50V
C8805	1-165-676-21	ELECT CHIP	270uF	20%	10V
C8806	1-165-676-21	ELECT CHIP	270uF	20%	10V
C8810	1-126-200-11	ELECT CHIP	10uF	20%	35V
C8814	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C8819	1-165-675-21	ELECT CHIP	150uF	20%	10V
C8821	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C8824	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8825	1-117-681-11	ELECT CHIP	100uF	20%	16V
C8829	1-100-911-11	CERAMIC CHIP	4.7uF	10%	25V
C8837	1-128-992-21	ELECT CHIP	47uF	20%	25V
C8839	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V
C8841	1-128-992-21	ELECT CHIP	47uF	20%	25V
C8843	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V
C8845	1-100-905-11	CERAMIC CHIP	0.001uF	10%	50V
C8847	1-128-991-21	ELECT CHIP	10uF	20%	50V
C8848	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8854	1-100-905-11	CERAMIC CHIP	0.001uF	10%	50V
C8855	1-100-905-11	CERAMIC CHIP	0.001uF	10%	50V
C8856	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V

REF. NO.	PART NO.	DESCRIPTION			REMARK
C8857	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C8858	1-127-820-11	CERAMIC CHIP	4.7uF	10%	16V
C8859	1-127-820-11	CERAMIC CHIP	4.7uF	10%	16V
C8860	1-127-760-11	CERAMIC CHIP	4.7uF	10%	6.3V
C8863	1-100-591-91	CERAMIC CHIP	1uF	10%	25V
C8864	1-100-591-91	CERAMIC CHIP	1uF	10%	25V
C8865	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C8866	1-164-870-11	CERAMIC CHIP	68PF	5%	50V
C8868	1-115-416-11	CERAMIC CHIP	0.001uF	5%	25V
C8869	1-165-676-21	ELECT CHIP	270uF	20%	10V
C8870	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C8871	1-117-681-11	ELECT CHIP	100uF	20%	16V
C8872	1-164-939-11	CERAMIC CHIP	0.0022uF	10%	50V
C8873	1-164-935-11	CERAMIC CHIP	470PF	10%	50V
C9301	1-128-992-21	ELECT CHIP	47uF	20%	25V
C9308	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C9310	1-124-779-00	ELECT CHIP	10uF	20%	16V
C9314	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C9320	1-124-779-00	ELECT CHIP	10uF	20%	16V
C9323	1-128-992-21	ELECT CHIP	47uF	20%	25V
C9324	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C9325	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C9329	1-162-905-11	CERAMIC CHIP	1PF	0.25PF	50V
C9330	1-162-905-11	CERAMIC CHIP	1PF	0.25PF	50V
C9331	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C9332	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C9333	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C9334	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C9335	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C9336	1-128-992-21	ELECT CHIP	47uF	20%	25V
C9337	1-127-715-91	CERAMIC CHIP	0.22uF	10%	16V
C9338	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C9339	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C9342	1-112-777-11	CERAMIC CHIP	0.01uF	10%	25V
C9343	1-124-779-00	ELECT CHIP	10uF	20%	16V
C9344	1-127-715-91	CERAMIC CHIP	0.22uF	10%	16V
C9345	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C9346	1-127-820-11	CERAMIC CHIP	4.7uF	10%	16V
C9347	1-127-820-11	CERAMIC CHIP	4.7uF	10%	16V
C9351	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C9352	1-128-992-21	ELECT CHIP	47uF	20%	25V
C9354	1-127-715-91	CERAMIC CHIP	0.22uF	10%	16V
C9357	1-112-777-11	CERAMIC CHIP	0.01uF	10%	25V
C9358	1-124-779-00	ELECT CHIP	10uF	20%	16V
C9359	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C9360	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C9361	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C9365	1-124-779-00	ELECT CHIP	10uF	20%	16V
C9366	1-128-992-21	ELECT CHIP	47uF	20%	25V
C9369	1-124-779-00	ELECT CHIP	10uF	20%	16V
C9370	1-124-779-00	ELECT CHIP	10uF	20%	16V
C9371	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C9373	1-117-681-11	ELECT CHIP	100uF	20%	16V
C9374	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C9375	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C9376	1-124-779-00	ELECT CHIP	10uF	20%	16V
C9377	1-124-779-00	ELECT CHIP	10uF	20%	16V
C9378	1-117-681-11	ELECT CHIP	100uF	20%	16V
C9380	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C9382	1-128-357-11	ELECT CHIP	10uF	20%	16V
C9383	1-128-357-11	ELECT CHIP	10uF	20%	16V
C9386	1-124-779-00	ELECT CHIP	10uF	20%	16V
C9387	1-124-779-00	ELECT CHIP	10uF	20%	16V

REF. NO.	PART NO.	DESCRIPTION			REMARK
C9392	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C9393	1-117-681-11	ELECT CHIP	100uF	20%	16V
C9394	1-124-779-00	ELECT CHIP	10uF	20%	16V
C9395	1-124-779-00	ELECT CHIP	10uF	20%	16V
C9405	1-112-672-81	CERAMIC CHIP	330PF	5%	50V
C9406	1-112-672-81	CERAMIC CHIP	330PF	5%	50V
C9407	1-112-672-81	CERAMIC CHIP	330PF	5%	50V
C9408	1-112-672-81	CERAMIC CHIP	330PF	5%	50V
C9410	1-164-858-11	CERAMIC CHIP	22PF	5%	50V
C9411	1-164-858-11	CERAMIC CHIP	22PF	5%	50V
C9412	1-164-858-11	CERAMIC CHIP	22PF	5%	50V
C9413	1-164-858-11	CERAMIC CHIP	22PF	5%	50V
C9414	1-164-858-11	CERAMIC CHIP	22PF	5%	50V
C9415	1-164-858-11	CERAMIC CHIP	22PF	5%	50V
C9416	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C9601	1-117-681-11	ELECT CHIP	100uF	20%	16V
C9602	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C9603	1-124-779-00	ELECT CHIP	10uF	20%	16V
C9610	1-117-681-11	ELECT CHIP	100uF	20%	16V
C9617	1-117-681-11	ELECT CHIP	100uF	20%	16V
C9618	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C9619	1-117-681-11	ELECT CHIP	100uF	20%	16V
C9624	1-128-357-11	ELECT CHIP	10uF	20%	16V
C9625	1-128-357-11	ELECT CHIP	10uF	20%	16V
C9628	1-117-681-11	ELECT CHIP	100uF	20%	16V
C9629	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C9630	1-117-681-11	ELECT CHIP	100uF	20%	16V
C9633	1-124-779-00	ELECT CHIP	10uF	20%	16V
C9638	1-117-681-11	ELECT CHIP	100uF	20%	16V
C9639	1-124-779-00	ELECT CHIP	10uF	20%	16V
C9640	1-128-357-11	ELECT CHIP	10uF	20%	16V
C9641	1-128-357-11	ELECT CHIP	10uF	20%	16V
C9642	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C9643	1-117-681-11	ELECT CHIP	100uF	20%	16V
C9645	1-164-933-11	CERAMIC CHIP	220PF	10%	50V
C9646	1-164-933-11	CERAMIC CHIP	220PF	10%	50V
C9647	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C9678	1-112-064-11	CERAMIC CHIP	2.2uF	10%	10V
C9679	1-112-064-11	CERAMIC CHIP	2.2uF	10%	10V
C9800	1-128-357-11	ELECT CHIP	10uF	20%	16V
C9801	1-128-357-11	ELECT CHIP	10uF	20%	16V
C9802	1-164-935-11	CERAMIC CHIP	470PF	10%	50V
C9803	1-164-933-11	CERAMIC CHIP	220PF	10%	50V
C9804	1-164-933-11	CERAMIC CHIP	220PF	10%	50V
C9805	1-164-935-11	CERAMIC CHIP	470PF	10%	50V
C9808	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C9809	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C9810	1-128-992-21	ELECT CHIP	47uF	20%	25V
C9811	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C9812	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C9814	1-117-681-11	ELECT CHIP	100uF	20%	16V
C9816	1-124-779-00	ELECT CHIP	10uF	20%	16V
C9818	1-128-992-21	ELECT CHIP	47uF	20%	25V
C9819	1-124-779-00	ELECT CHIP	10uF	20%	16V
C9821	1-128-992-21	ELECT CHIP	47uF	20%	25V
C9822	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C9829	1-126-399-11	ELECT CHIP	10uF	20%	35V
C9830	1-128-595-11	ELECT CHIP	2.2uF	20%	50V
C9831	1-128-595-11	ELECT CHIP	2.2uF	20%	50V
C9832	1-126-395-11	ELECT CHIP	22uF	20%	16V
C9833	1-126-395-11	ELECT CHIP	22uF	20%	16V
C9834	1-126-394-11	ELECT CHIP	10uF	20%	16V
C9835	1-117-681-11	ELECT CHIP	100uF	20%	16V
C9836	1-162-965-11	CERAMIC CHIP	0.0015uF	10%	50V

REF. NO.	PART NO.	DESCRIPTION				REMARK
C9837	1-164-217-11	CERAMIC CHIP	150PF	5%	50V	
C9838	1-164-217-11	CERAMIC CHIP	150PF	5%	50V	
C9839	1-162-965-11	CERAMIC CHIP	0.0015uF	10%	50V	
C9840	1-162-965-11	CERAMIC CHIP	0.0015uF	10%	50V	
C9841	1-164-217-11	CERAMIC CHIP	150PF	5%	50V	
C9842	1-164-217-11	CERAMIC CHIP	150PF	5%	50V	
C9843	1-162-965-11	CERAMIC CHIP	0.0015uF	10%	50V	
C9844	1-100-911-11	CERAMIC CHIP	4.7uF	10%	25V	
C9845	1-100-911-11	CERAMIC CHIP	4.7uF	10%	25V	
C9846	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V	
C9847	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V	
C9848	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V	
C9849	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V	
C9850	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V	
C9851	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V	
C9852	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V	
C9853	1-163-009-91	CERAMIC CHIP	0.001uF	10%	50V	
C9854	1-163-009-91	CERAMIC CHIP	0.001uF	10%	50V	
C9855	1-163-009-91	CERAMIC CHIP	0.001uF	10%	50V	
C9856	1-163-009-91	CERAMIC CHIP	0.001uF	10%	50V	
C9857	1-165-585-21	ELECT CHIP	47uF	20%	25V	
C9858	1-165-585-21	ELECT CHIP	47uF	20%	25V	
C9859	1-165-585-21	ELECT CHIP	47uF	20%	25V	
C9860	1-165-585-21	ELECT CHIP	47uF	20%	25V	
C9861	1-100-591-91	CERAMIC CHIP	1uF	10%	25V	
C9862	1-100-591-91	CERAMIC CHIP	1uF	10%	25V	
C9863	1-100-591-91	CERAMIC CHIP	1uF	10%	25V	
C9864	1-100-591-91	CERAMIC CHIP	1uF	10%	25V	
C9866	1-131-702-11	FILM	0.68uF	5%	50V	
C9867	1-131-702-11	FILM	0.68uF	5%	50V	
C9868	1-131-702-11	FILM	0.68uF	5%	50V	
C9869	1-131-702-11	FILM	0.68uF	5%	50V	
C9870	1-100-591-91	CERAMIC CHIP	1uF	10%	25V	
C9871	1-100-591-91	CERAMIC CHIP	1uF	10%	25V	
C9872	1-163-275-11	CERAMIC CHIP	0.001uF	5%	50V	
C9873	1-163-275-11	CERAMIC CHIP	0.001uF	5%	50V	
C9876	1-163-275-11	CERAMIC CHIP	0.001uF	5%	50V	
C9877	1-163-275-11	CERAMIC CHIP	0.001uF	5%	50V	
C9878	1-100-591-91	CERAMIC CHIP	1uF	10%	25V	
C9879	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C9880	1-128-992-21	ELECT CHIP	47uF	20%	25V	
C9882	1-163-009-91	CERAMIC CHIP	0.001uF	10%	50V	
C9883	1-163-009-91	CERAMIC CHIP	0.001uF	10%	50V	
C9884	1-163-009-91	CERAMIC CHIP	0.001uF	10%	50V	
C9885	1-163-009-91	CERAMIC CHIP	0.001uF	10%	50V	
C9887	1-112-030-31	ELECT	1500uF	20%	35V	
C9888	1-112-030-31	ELECT	1500uF	20%	35V	
C9891	1-124-779-00	ELECT CHIP	10uF	20%	16V	
C9899	1-128-357-11	ELECT CHIP	10uF	20%	16V	
C9902	1-128-992-21	ELECT CHIP	47uF	20%	25V	
C9903	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V	
C9904	1-137-987-81	CERAMIC CHIP	0.068uF	10%	10V	
C9905	1-127-715-91	CERAMIC CHIP	0.22uF	10%	16V	
C9906	1-124-779-00	ELECT CHIP	10uF	20%	16V	
C9907	1-126-394-11	ELECT CHIP	10uF	20%	16V	
C9913	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
C9914	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V	
		< CONNECTOR >				
CN8570	1-820-564-11	D SUB CONNECTOR				
CN9800*	1-580-838-11	PIN, CONNECTOR (PC BOARD) 4P				

REF. NO.	PART NO.	DESCRIPTION		REMARK
		< DIODE >		
D8003	6-500-334-01	DIODE	MC2836-T112-1	
D8004	6-500-335-01	DIODE	MC2838-T112-1	
D8005	6-500-334-01	DIODE	MC2836-T112-1	
D8006	8-719-056-83	DIODE	UDZ-TE-17-6.8B	
D8007	8-719-977-28	DIODE	DTZ10B	
D8012	6-500-335-01	DIODE	MC2838-T112-1	
D8013	6-500-334-01	DIODE	MC2836-T112-1	
D8014	6-500-335-01	DIODE	MC2838-T112-1	
D8015	8-719-036-94	DIODE	RD5.6SB-T1	
D8016	8-719-036-94	DIODE	RD5.6SB-T1	
D8017	8-719-036-94	DIODE	RD5.6SB-T1	
D8018	8-719-036-94	DIODE	RD5.6SB-T1	
D8019	6-500-335-01	DIODE	MC2838-T112-1	
D8020	8-719-036-94	DIODE	RD5.6SB-T1	
D8307	8-719-036-94	DIODE	RD5.6SB-T1	
D8308	8-719-036-94	DIODE	RD5.6SB-T1	
D8309	8-719-036-94	DIODE	RD5.6SB-T1	
D8310	8-719-036-94	DIODE	RD5.6SB-T1	
D8311	8-719-977-28	DIODE	DTZ10B	
D8312	8-719-977-28	DIODE	DTZ10B	
D8313	8-719-036-94	DIODE	RD5.6SB-T1	
D8314	8-719-977-28	DIODE	DTZ10B	
D8315	8-719-977-28	DIODE	DTZ10B	
D8316	8-719-977-28	DIODE	DTZ10B	
D8317	8-719-977-28	DIODE	DTZ10B	
D8318	8-719-977-28	DIODE	DTZ10B	
D8319	8-719-977-28	DIODE	DTZ10B	
D8320	8-719-069-55	DIODE	UDZSTE-175.6B	
D8321	8-719-069-55	DIODE	UDZSTE-175.6B	
D8322	8-719-069-55	DIODE	UDZSTE-175.6B	
D8323	8-719-069-55	DIODE	UDZSTE-175.6B	
D8324	8-719-069-55	DIODE	UDZSTE-175.6B	
D8325	8-719-069-55	DIODE	UDZSTE-175.6B	
D8328	6-500-335-01	DIODE	MC2838-T112-1	
D8329	6-500-335-01	DIODE	MC2838-T112-1	
D8330	6-500-334-01	DIODE	MC2836-T112-1	
D8570	8-719-036-94	DIODE	RD5.6SB-T1	
D8571	8-719-036-94	DIODE	RD5.6SB-T1	
D8572	8-719-036-94	DIODE	RD5.6SB-T1	
D8573	8-719-977-28	DIODE	DTZ10B	
D8574	6-500-334-01	DIODE	MC2836-T112-1	
D8575	6-500-335-01	DIODE	MC2838-T112-1	
D8576	8-719-977-28	DIODE	DTZ10B	
D8577	6-500-335-01	DIODE	MC2838-T112-1	
D8583	8-719-045-61	DIODE	SEC1901C	
D8801	8-719-073-69	DIODE	PTZ-TE25-6.2A	
D8802	8-719-056-83	DIODE	UDZ-TE-17-6.8B	
D8803	6-500-527-01	DIODE	EC21QS04-TE12L	
D8809	6-500-335-01	DIODE	MC2838-T112-1	
D8811	6-500-335-01	DIODE	MC2838-T112-1	
D8812	8-719-078-04	DIODE	EC31QS03L-TE12L	
D8813	6-500-019-01	DIODE	MM3Z3V9ST1	
D9301	6-500-335-01	DIODE	MC2838-T112-1	
D9311	6-500-334-01	DIODE	MC2836-T112-1	
D9316	6-500-335-01	DIODE	MC2838-T112-1	
D9317	6-500-334-01	DIODE	MC2836-T112-1	
D9318	6-500-334-01	DIODE	MC2836-T112-1	
D9601	6-500-335-01	DIODE	MC2838-T112-1	
D9602	6-500-335-01	DIODE	MC2838-T112-1	
D9603	6-500-335-01	DIODE	MC2838-T112-1	
D9805	8-719-048-98	DIODE	RB160L-40TE25	
D9806	8-719-048-98	DIODE	RB160L-40TE25	

REF. NO.	PART NO.	DESCRIPTION	REMARK
D9807	8-719-048-98	DIODE RB160L-40TE25	
D9808	8-719-048-98	DIODE RB160L-40TE25	
D9814	6-500-335-01	DIODE MC2838-T112-1	
D9815	6-500-334-01	DIODE MC2836-T112-1	
D9816	6-500-334-01	DIODE MC2836-T112-1	
D9819	8-719-048-98	DIODE RB160L-40TE25	
D9820	8-719-048-98	DIODE RB160L-40TE25	
D9821	8-719-048-98	DIODE RB160L-40TE25	
D9822	8-719-048-98	DIODE RB160L-40TE25	
		< FUSE >	
F8570	1-576-519-21	FUSE 400MA 32V	
F8800	1-576-603-21	FUSE 3.15A 24V	
F8801	1-576-603-21	FUSE 3.15A 24V	
F8802	1-576-603-21	FUSE 3.15A 24V	
F9800	1-576-774-21	FUSE 6.3A 72V	
F9801	1-533-606-41	IC LINK 0.5A 24V	
		< FERRITE BEAD >	
FB8000	1-414-445-11	BEAD, FERRITE (CHIP) (1608)	
FB8001	1-414-445-11	BEAD, FERRITE (CHIP) (1608)	
FB8002	1-414-445-11	BEAD, FERRITE (CHIP) (1608)	
FB8003	1-414-445-11	BEAD, FERRITE (CHIP) (1608)	
FB8004	1-414-445-11	BEAD, FERRITE (CHIP) (1608)	
FB8005	1-414-445-11	BEAD, FERRITE (CHIP) (1608)	
FB8006	1-414-445-11	BEAD, FERRITE (CHIP) (1608)	
FB8008	1-414-445-11	BEAD, FERRITE (CHIP) (1608)	
FB8009	1-414-445-11	BEAD, FERRITE (CHIP) (1608)	
FB8303	1-400-833-21	SMD EMI FERRITE	
FB8305	1-400-833-21	SMD EMI FERRITE	
FB8306	1-400-833-21	SMD EMI FERRITE	
FB8307	1-400-833-21	SMD EMI FERRITE	
FB8308	1-400-833-21	SMD EMI FERRITE	
FB8309	1-400-833-21	SMD EMI FERRITE	
FB8310	1-400-833-21	SMD EMI FERRITE	
FB8311	1-400-089-21	INDUCTOR (EMI FERRITE) (2012)	
FB8312	1-400-089-21	INDUCTOR (EMI FERRITE) (2012)	
FB8313	1-469-083-21	INDUCTOR, FERRITE BEAD (1005)	
FB8314	1-469-083-21	INDUCTOR, FERRITE BEAD (1005)	
FB8315	1-469-083-21	INDUCTOR, FERRITE BEAD (1005)	
FB8316	1-469-083-21	INDUCTOR, FERRITE BEAD (1005)	
FB8500	1-414-445-11	BEAD, FERRITE (CHIP) (1608)	
FB8501	1-414-445-11	BEAD, FERRITE (CHIP) (1608)	
FB8502	1-414-445-11	BEAD, FERRITE (CHIP) (1608)	
FB8503	1-414-445-11	BEAD, FERRITE (CHIP) (1608)	
FB8504	1-414-445-11	BEAD, FERRITE (CHIP) (1608)	
FB8570	1-400-833-21	SMD EMI FERRITE	
FB8571	1-400-833-21	SMD EMI FERRITE	
FB8572	1-400-833-21	SMD EMI FERRITE	
FB8573	1-400-833-21	SMD EMI FERRITE	
FB8802	1-414-921-11	INDUCTOR, FERRITE BEAD	
FB8803	1-414-921-11	INDUCTOR, FERRITE BEAD	
FB8804	1-414-921-11	INDUCTOR, FERRITE BEAD	
FB8806	1-414-445-11	BEAD, FERRITE (CHIP) (1608)	
FB9300	1-414-234-22	INDUCTOR, FERRITE BEAD	
FB9301	1-414-921-11	INDUCTOR, FERRITE BEAD	
FB9303	1-414-921-11	INDUCTOR, FERRITE BEAD	
FB9304	1-414-921-11	INDUCTOR, FERRITE BEAD	
FB9305	1-414-445-11	BEAD, FERRITE (CHIP) (1608)	
FB9306	1-414-921-11	INDUCTOR, FERRITE BEAD	
FB9308	1-414-921-11	INDUCTOR, FERRITE BEAD	
FB9309	1-469-080-11	INDUCTOR, FERRITE BEAD (1005)	
FB9310	1-469-080-11	INDUCTOR, FERRITE BEAD (1005)	
FB9311	1-469-080-11	INDUCTOR, FERRITE BEAD (1005)	
FB9312	1-469-080-11	INDUCTOR, FERRITE BEAD (1005)	
FB9313	1-469-080-11	INDUCTOR, FERRITE BEAD (1005)	
FB9314	1-469-080-11	INDUCTOR, FERRITE BEAD (1005)	
FB9801	1-400-089-21	INDUCTOR (EMI FERRITE) (2012)	
FB9802	1-400-089-21	INDUCTOR (EMI FERRITE) (2012)	
FB9803	1-400-089-21	INDUCTOR (EMI FERRITE) (2012)	
FB9804	1-400-089-21	INDUCTOR (EMI FERRITE) (2012)	
		< FILTER >	
FL8000	1-234-494-21	FILTER, EMI REMOVAL (SMD)	
FL8001	1-234-494-21	FILTER, EMI REMOVAL (SMD)	
FL8800	1-234-494-21	FILTER, EMI REMOVAL (SMD)	
FL8801	1-234-494-21	FILTER, EMI REMOVAL (SMD)	
FL8804	1-234-494-21	FILTER, EMI REMOVAL (SMD)	
FL8805	1-234-494-21	FILTER, EMI REMOVAL (SMD)	
FL8806	1-234-494-21	FILTER, EMI REMOVAL (SMD)	
FL8807	1-234-494-21	FILTER, EMI REMOVAL (SMD)	
FL8808	1-234-494-21	FILTER, EMI REMOVAL (SMD)	
		< IC >	
IC8000	6-709-901-01	IC MM3121JPLE	
IC8001	6-705-373-01	IC MM3123DPLE	
IC8004	6-704-067-01	IC M24128-BWMN6T (A)	
IC8005	6-703-175-01	IC PST3629UL	
IC8006	6-703-589-01	IC SN74LVC1G125DCKR	
IC8007	8-759-066-55	IC TA75W393FU	
IC8008	6-703-175-01	IC PST3629UL	
IC8009	6-708-758-01	IC PCA9517DP.118	
IC8301	8-753-274-33	IC CXA2239AR-TL	
IC8302	6-709-777-01	IC ADA4861-3YRZ-RL7	
IC8304	6-700-631-01	IC TPS2051ADR	
IC8504	6-703-176-01	IC PST3627UL	
IC8505	6-804-648-01	IC MB90F334APMC-GE1	
IC8506	6-704-067-01	IC M24128-BWMN6T (A)	
IC8507	8-759-679-05	IC TC7WH34FU (TE12R)	
IC8570	6-704-600-01	IC M24C02-WMN6T (B)	
IC8572 *	6-703-107-01	IC SN74LVC2G66DCUR	
IC8573 *	6-703-107-01	IC SN74LVC2G66DCUR	
IC8801	6-704-407-01	IC PQ1CZ41H2ZPH	
IC8802	6-708-762-01	IC PQ200WNA1ZPH	
IC8804	8-752-072-94	IC CXA1875AM-T4	
IC8805	6-707-023-01	IC BD9850FVM-E2	
IC9301	6-704-353-01	IC SN74LVC2G34DCKR	
IC9303	8-759-592-45	IC TC7SZU04FU (TE85R)	
IC9304	6-709-040-11	IC MAP4400A-QA-B2-501-T	
IC9305	6-706-536-01	IC CXD9826R	
IC9306	6-706-907-01	IC M5M51008DFP-70H	
IC9307	8-759-183-53	IC TL431CPK-E2	
IC9308	8-759-278-58	IC NJM4558V-TE2	
IC9400	6-707-151-01	IC SN74AHCT244PWR	
IC9602	8-752-107-98	IC CXA2188Q-T4	
IC9606	8-759-278-58	IC NJM4558V-TE2	
IC9802	8-759-278-58	IC NJM4558V-TE2	
IC9803	8-759-700-07	IC NJM2903M	
IC9804	6-709-285-01	IC M61571AFP-DF0T	
IC9805	8-759-183-53	IC TL431CPK-E2	
IC9807	8-759-278-58	IC NJM4558V-TE2	
IC9809	8-759-700-07	IC NJM2903M	
		< JACK >	
J8301	1-819-357-11	PHONO JACK 10P	
J8570	1-691-293-21	JACK	

REF. NO.	PART NO.	DESCRIPTION	REMARK
		< COIL >	
L8000	1-469-555-21	INDUCTOR 10uH	
L8001	1-469-555-21	INDUCTOR 10uH	
L8002	1-469-555-21	INDUCTOR 10uH	
L8003	1-469-555-21	INDUCTOR 10uH	
L8004	1-469-549-21	INDUCTOR 1uH	
L8300	1-469-555-21	INDUCTOR 10uH	
L8301	1-469-555-21	INDUCTOR 10uH	
L8302	1-469-555-21	INDUCTOR 10uH	
L8303	1-469-555-21	INDUCTOR 10uH	
L8304	1-469-555-21	INDUCTOR 10uH	
L8306	1-469-555-21	INDUCTOR 10uH	
L8307	1-469-555-21	INDUCTOR 10uH	
L8308	1-469-555-21	INDUCTOR 10uH	
L8309	1-469-555-21	INDUCTOR 10uH	
L8311	1-469-555-21	INDUCTOR 10uH	
L8312	1-400-180-21	INDUCTOR, EMI FERRITE (1608)	
L8314	1-400-180-21	INDUCTOR, EMI FERRITE (1608)	
L8315	1-400-180-21	INDUCTOR, EMI FERRITE (1608)	
L8316	1-400-178-21	INDUCTOR, EMI FERRITE (1608)	
L8318	1-412-058-11	INDUCTOR 10uH	
L8319	1-469-555-21	INDUCTOR 10uH	
L8320	1-469-555-21	INDUCTOR 10uH	
L8800	1-416-740-11	INDUCTOR 10uH	
L8805	1-481-081-11	INDUCTOR 47uH	
L8808	1-416-740-11	INDUCTOR 10uH	
L8809	1-416-740-11	INDUCTOR 10uH	
L8810	1-400-180-21	INDUCTOR, EMI FERRITE (1608)	
L9302	1-469-555-21	INDUCTOR 10uH	
L9303	1-412-058-11	INDUCTOR 10uH	
L9304	1-469-555-21	INDUCTOR 10uH	
L9601	1-412-058-11	INDUCTOR 10uH	
L9604	1-412-058-11	INDUCTOR 10uH	
L9606	1-469-555-21	INDUCTOR 10uH	
L9607	1-469-555-21	INDUCTOR 10uH	
L9801	1-412-058-11	INDUCTOR 10uH	
L9802	1-412-058-11	INDUCTOR 10uH	
L9803	1-419-353-21	INDUCTOR 10uH	
L9804	1-412-058-11	INDUCTOR 10uH	
L9805	1-424-976-21	INDUCTOR 47uH	
L9806	1-456-864-11	INDUCTOR 11uH	
L9807	1-456-864-11	INDUCTOR 11uH	
L9808	1-412-058-11	INDUCTOR 10uH	
L9809	1-412-058-11	INDUCTOR 10uH	
L9811	1-456-864-11	INDUCTOR 11uH	
L9812	1-456-864-11	INDUCTOR 11uH	
		< TRANSISTOR >	
Q8006	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q8007	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q8008	8-729-600-22	TRANSISTOR 2SA1235-F	
Q8009	8-729-600-22	TRANSISTOR 2SA1235-F	
Q8010	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q8012	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q8013	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q8014	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q8015	6-550-014-01	TRANSISTOR SSM6N15FU (TE85R)	
Q8020	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q8021	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q8022	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q8023	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q8024	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q8025	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q8027	8-729-600-22	TRANSISTOR 2SA1235-F	
Q8032	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q8033	8-729-600-22	TRANSISTOR 2SA1235-F	
Q8034	8-729-600-22	TRANSISTOR 2SA1235-F	
Q8300	8-729-600-22	TRANSISTOR 2SA1235-F	
Q8301	8-729-600-22	TRANSISTOR 2SA1235-F	
Q8305	8-729-122-63	TRANSISTOR 2SA1226-E4	
Q8306	8-729-122-63	TRANSISTOR 2SA1226-E4	
Q8307	8-729-122-63	TRANSISTOR 2SA1226-E4	
Q8308	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q8309	8-729-600-22	TRANSISTOR 2SA1235-F	
Q8311	8-729-600-22	TRANSISTOR 2SA1235-F	
Q8313	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q8314	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q8315	8-729-600-22	TRANSISTOR 2SA1235-F	
Q8316	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q8317	8-729-600-22	TRANSISTOR 2SA1235-F	
Q8318	8-729-600-22	TRANSISTOR 2SA1235-F	
Q8319	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q8327	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q8328	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q8330	6-551-390-01	TRANSISTOR RT1A3906-T122-1	
Q8503	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q8505	6-550-014-01	TRANSISTOR SSM6N15FU (TE85R)	
Q8506	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q8570	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q8577	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q8578	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q8801	6-550-354-01	TRANSISTOR RTQ035P02TR	
Q8802	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q8804	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q8816	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q8817	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q8819	6-551-382-01	TRANSISTOR RSS040P03FD5TB	
Q8820	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q8821	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q9300	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q9303	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q9305	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q9310	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q9311	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q9314	8-729-600-22	TRANSISTOR 2SA1235-F	
Q9315	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q9316	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q9601	8-729-600-22	TRANSISTOR 2SA1235-F	
Q9602	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q9604	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q9608	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q9610	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q9613	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q9614	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q9800	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q9803	8-729-600-22	TRANSISTOR 2SA1235-F	
Q9806	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q9809	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q9810	8-729-600-22	TRANSISTOR 2SA1235-F	
Q9811	8-729-600-22	TRANSISTOR 2SA1235-F	
Q9812	8-729-600-22	TRANSISTOR 2SA1235-F	
Q9813	8-729-600-22	TRANSISTOR 2SA1235-F	
Q9814	8-729-600-22	TRANSISTOR 2SA1235-F	
Q9815	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q9816	8-729-921-80	TRANSISTOR 2SD1781K-T146-QR	
Q9818	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q9819	8-729-600-22	TRANSISTOR 2SA1235-F	

REF. NO.	PART NO.	DESCRIPTION			REMARK
Q9820	8-729-120-28	TRANSISTOR 2SC1623-L5L6			
		< RESISTOR >			
R8000	1-218-990-81	SHORT CHIP	0		
R8001	1-218-990-81	SHORT CHIP	0		
R8002	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8003	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8004	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8005	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8006	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R8007	1-218-953-11	RES-CHIP	1K	5%	1/16W
R8008	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8009	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8010	1-218-968-11	RES-CHIP	18K	5%	1/16W
R8028	1-218-937-11	RES-CHIP	47	5%	1/16W
R8029	1-218-937-11	RES-CHIP	47	5%	1/16W
R8030	1-218-937-11	RES-CHIP	47	5%	1/16W
R8031	1-218-937-11	RES-CHIP	47	5%	1/16W
R8032	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8033	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8034	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8035	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8036	1-218-937-11	RES-CHIP	47	5%	1/16W
R8037	1-218-937-11	RES-CHIP	47	5%	1/16W
R8039	1-218-937-11	RES-CHIP	47	5%	1/16W
R8040	1-218-990-81	SHORT CHIP	0		
R8041	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8043	1-218-937-11	RES-CHIP	47	5%	1/16W
R8045	1-218-937-11	RES-CHIP	47	5%	1/16W
R8046	1-218-953-11	RES-CHIP	1K	5%	1/16W
R8049	1-218-949-11	RES-CHIP	470	5%	1/16W
R8050	1-218-937-11	RES-CHIP	47	5%	1/16W
R8051	1-218-937-11	RES-CHIP	47	5%	1/16W
R8052	1-218-953-11	RES-CHIP	1K	5%	1/16W
R8054	1-218-953-11	RES-CHIP	1K	5%	1/16W
R8056	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8058	1-218-953-11	RES-CHIP	1K	5%	1/16W
R8060	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8065	1-218-990-81	SHORT CHIP	0		
R8066	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W
R8067	1-208-869-11	METAL CHIP	180	0.50%	1/16W
R8068	1-208-671-11	METAL CHIP	330	0.50%	1/16W
R8069	1-218-953-11	RES-CHIP	1K	5%	1/16W
R8070	1-218-953-11	RES-CHIP	1K	5%	1/16W
R8072	1-218-953-11	RES-CHIP	1K	5%	1/16W
R8074	1-218-953-11	RES-CHIP	1K	5%	1/16W
R8078	1-218-953-11	RES-CHIP	1K	5%	1/16W
R8081	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8082	1-218-937-11	RES-CHIP	47	5%	1/16W
R8083	1-218-937-11	RES-CHIP	47	5%	1/16W
R8084	1-218-937-11	RES-CHIP	47	5%	1/16W
R8085	1-218-937-11	RES-CHIP	47	5%	1/16W
R8086	1-218-937-11	RES-CHIP	47	5%	1/16W
R8087	1-218-937-11	RES-CHIP	47	5%	1/16W
R8088	1-218-937-11	RES-CHIP	47	5%	1/16W
R8089	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8090	1-218-937-11	RES-CHIP	47	5%	1/16W
R8094	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8096	1-218-973-11	RES-CHIP	47K	5%	1/16W
R8097	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8101	1-218-953-11	RES-CHIP	1K	5%	1/16W
R8102	1-208-675-11	METAL CHIP	470	0.50%	1/16W
R8104	1-218-953-11	RES-CHIP	1K	5%	1/16W
R8105	1-218-937-11	RES-CHIP	47	5%	1/16W
R8107	1-218-990-81	SHORT CHIP	0		
R8111	1-218-953-11	RES-CHIP	1K	5%	1/16W
R8112	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8113	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8116	1-218-953-11	RES-CHIP	1K	5%	1/16W
R8117	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8118	1-218-937-11	RES-CHIP	47	5%	1/16W
R8119	1-218-973-11	RES-CHIP	47K	5%	1/16W
R8120	1-218-937-11	RES-CHIP	47	5%	1/16W
R8121	1-218-953-11	RES-CHIP	1K	5%	1/16W
R8122	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8123	1-218-973-11	RES-CHIP	47K	5%	1/16W
R8124	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8126	1-218-990-81	SHORT CHIP	0		
R8127	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8128	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8129	1-218-937-11	RES-CHIP	47	5%	1/16W
R8130	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8132	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8133	1-218-937-11	RES-CHIP	47	5%	1/16W
R8134	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8135	1-218-953-11	RES-CHIP	1K	5%	1/16W
R8137	1-218-937-11	RES-CHIP	47	5%	1/16W
R8138	1-218-941-81	RES-CHIP	100	5%	1/16W
R8139	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8140	1-218-937-11	RES-CHIP	47	5%	1/16W
R8141	1-218-933-11	RES-CHIP	22	5%	1/16W
R8142	1-218-937-11	RES-CHIP	47	5%	1/16W
R8143	1-218-937-11	RES-CHIP	47	5%	1/16W
R8144	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8145	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8146	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R8147	1-218-989-11	RES-CHIP	1M	5%	1/16W
R8148	1-218-937-11	RES-CHIP	47	5%	1/16W
R8149	1-218-937-11	RES-CHIP	47	5%	1/16W
R8150	1-218-937-11	RES-CHIP	47	5%	1/16W
R8151	1-218-937-11	RES-CHIP	47	5%	1/16W
R8152	1-218-949-11	RES-CHIP	470	5%	1/16W
R8153	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R8154	1-218-990-81	SHORT CHIP	0		
R8155	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8156	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8158	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8159	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8160	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8161	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8162	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R8164	1-218-953-11	RES-CHIP	1K	5%	1/16W
R8165	1-218-937-11	RES-CHIP	47	5%	1/16W
R8166	1-218-953-11	RES-CHIP	1K	5%	1/16W
R8167	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R8168	1-218-973-11	RES-CHIP	47K	5%	1/16W
R8169	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8170	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8171	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8172	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R8173	1-218-977-11	RES-CHIP	100K	5%	1/16W
R8177	1-218-990-81	SHORT CHIP	0		
R8178	1-218-990-81	SHORT CHIP	0		
R8182	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R8185	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R8188	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R8189	1-218-969-11	RES-CHIP	22K	5%	1/16W

REF. NO.	PART NO.	DESCRIPTION			REMARK
R8190	1-218-969-11	RES-CHIP	22K	5%	1/16W
R8191	1-218-953-11	RES-CHIP	1K	5%	1/16W
R8193	1-218-973-11	RES-CHIP	47K	5%	1/16W
R8194	1-208-927-11	METAL CHIP	47K	0.50%	1/16W
R8195	1-208-927-11	METAL CHIP	47K	0.50%	1/16W
R8196	1-218-990-81	SHORT CHIP	0		
R8197	1-218-973-11	RES-CHIP	47K	5%	1/16W
R8198	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8199	1-218-941-81	RES-CHIP	100	5%	1/16W
R8200	1-218-977-11	RES-CHIP	100K	5%	1/16W
R8201	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R8202	1-218-977-11	RES-CHIP	100K	5%	1/16W
R8203	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R8204	1-218-941-81	RES-CHIP	100	5%	1/16W
R8205	1-218-941-81	RES-CHIP	100	5%	1/16W
R8206	1-218-941-81	RES-CHIP	100	5%	1/16W
R8207	1-218-941-81	RES-CHIP	100	5%	1/16W
R8209	1-218-953-11	RES-CHIP	1K	5%	1/16W
R8211	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8212	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8213	1-218-969-11	RES-CHIP	22K	5%	1/16W
R8214	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8215	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R8216	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8217	1-218-969-11	RES-CHIP	22K	5%	1/16W
R8218	1-218-971-11	RES-CHIP	33K	5%	1/16W
R8219	1-218-989-11	RES-CHIP	1M	5%	1/16W
R8220	1-218-989-11	RES-CHIP	1M	5%	1/16W
R8221	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8233	1-218-990-81	SHORT CHIP	0		
R8234	1-218-990-81	SHORT CHIP	0		
R8235	1-218-990-81	SHORT CHIP	0		
R8236	1-218-990-81	SHORT CHIP	0		
R8237	1-218-990-81	SHORT CHIP	0		
R8238	1-218-990-81	SHORT CHIP	0		
R8239	1-218-990-81	SHORT CHIP	0		
R8240	1-218-990-81	SHORT CHIP	0		
R8241	1-218-990-81	SHORT CHIP	0		
R8242	1-218-990-81	SHORT CHIP	0		
R8257	1-218-937-11	RES-CHIP	47	5%	1/16W
R8258	1-218-990-81	SHORT CHIP	0		
R8259	1-218-990-81	SHORT CHIP	0		
R8260	1-218-990-81	SHORT CHIP	0		
R8264	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8265	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8266	1-218-973-11	RES-CHIP	47K	5%	1/16W
R8267	1-218-973-11	RES-CHIP	47K	5%	1/16W
R8268	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R8269	1-218-990-81	SHORT CHIP	0		
R8270	1-218-937-11	RES-CHIP	47	5%	1/16W
R8271	1-218-937-11	RES-CHIP	47	5%	1/16W
R8274	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8276	1-218-990-81	SHORT CHIP	0		
R8279	1-218-990-81	SHORT CHIP	0		
R8281	1-218-990-81	SHORT CHIP	0		
R8282	1-218-990-81	SHORT CHIP	0		
R8283	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8284	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R8285	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R8288	1-218-990-81	SHORT CHIP	0		
R8289	1-218-990-81	SHORT CHIP	0		
R8300	1-218-941-81	RES-CHIP	100	5%	1/16W
R8301	1-218-990-81	SHORT CHIP	0		
R8302	1-218-941-81	RES-CHIP	100	5%	1/16W
R8303	1-218-941-81	RES-CHIP	100	5%	1/16W
R8304	1-216-803-11	METAL CHIP	33	5%	1/10W
R8305	1-218-941-81	RES-CHIP	100	5%	1/16W
R8306	1-218-953-11	RES-CHIP	1K	5%	1/16W
R8307	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R8308	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R8309	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R8310	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R8311	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R8312	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R8313	1-218-985-11	RES-CHIP	470K	5%	1/16W
R8314	1-218-985-11	RES-CHIP	470K	5%	1/16W
R8315	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R8316	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R8317	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R8318	1-218-985-11	RES-CHIP	470K	5%	1/16W
R8319	1-218-985-11	RES-CHIP	470K	5%	1/16W
R8320	1-218-937-11	RES-CHIP	47	5%	1/16W
R8321	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R8322	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R8323	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R8324	1-218-985-11	RES-CHIP	470K	5%	1/16W
R8325	1-218-985-11	RES-CHIP	470K	5%	1/16W
R8326	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R8327	1-218-985-11	RES-CHIP	470K	5%	1/16W
R8328	1-218-985-11	RES-CHIP	470K	5%	1/16W
R8329	1-218-937-11	RES-CHIP	47	5%	1/16W
R8330	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R8331	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R8332	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R8333	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R8334	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R8335	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R8336	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R8337	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R8338	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R8339	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8340	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R8341	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R8342	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R8343	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R8344	1-216-797-11	METAL CHIP	10	5%	1/10W
R8345	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R8346	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R8347	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R8348	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R8349	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R8350	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R8351	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R8352	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R8353	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R8354	1-216-797-11	METAL CHIP	10	5%	1/10W
R8355	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R8356	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R8357	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R8358	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R8359	1-216-797-11	METAL CHIP	10	5%	1/10W
R8360	1-218-990-81	SHORT CHIP	0		
R8361	1-218-990-81	SHORT CHIP	0		
R8367	1-218-990-81	SHORT CHIP	0		
R8368	1-218-941-81	RES-CHIP	100	5%	1/16W
R8369	1-218-937-11	RES-CHIP	47	5%	1/16W

REF. NO.	PART NO.	DESCRIPTION			REMARK
R8370	1-218-937-11	RES-CHIP	47	5%	1/16W
R8371	1-218-990-81	SHORT CHIP	0		
R8372	1-218-941-81	RES-CHIP	100	5%	1/16W
R8373	1-218-941-81	RES-CHIP	100	5%	1/16W
R8374	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8375	1-218-941-81	RES-CHIP	100	5%	1/16W
R8376	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R8377	1-218-941-81	RES-CHIP	100	5%	1/16W
R8378	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8379	1-218-937-11	RES-CHIP	47	5%	1/16W
R8380	1-218-941-81	RES-CHIP	100	5%	1/16W
R8381	1-218-937-11	RES-CHIP	47	5%	1/16W
R8382	1-208-699-11	METAL CHIP	4.7K	0.50%	1/16W
R8383	1-208-929-81	METAL CHIP	56K	0.50%	1/16W
R8384	1-218-990-81	SHORT CHIP	0		
R8385	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R8387	1-208-677-11	METAL CHIP	560	0.50%	1/16W
R8388	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8389	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8390	1-218-990-81	SHORT CHIP	0		
R8391	1-218-941-81	RES-CHIP	100	5%	1/16W
R8392	1-218-941-81	RES-CHIP	100	5%	1/16W
R8393	1-218-937-11	RES-CHIP	47	5%	1/16W
R8394	1-218-937-11	RES-CHIP	47	5%	1/16W
R8395	1-218-937-11	RES-CHIP	47	5%	1/16W
R8396	1-218-975-11	RES-CHIP	68K	5%	1/16W
R8397	1-218-975-11	RES-CHIP	68K	5%	1/16W
R8398	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R8401	1-218-969-11	RES-CHIP	22K	5%	1/16W
R8403	1-218-969-11	RES-CHIP	22K	5%	1/16W
R8404	1-218-933-11	RES-CHIP	22	5%	1/16W
R8405	1-218-933-11	RES-CHIP	22	5%	1/16W
R8406	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R8407	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8409	1-218-989-11	RES-CHIP	1M	5%	1/16W
R8410	1-218-983-11	RES-CHIP	330K	5%	1/16W
R8411	1-218-983-11	RES-CHIP	330K	5%	1/16W
R8412	1-218-983-11	RES-CHIP	330K	5%	1/16W
R8413	1-218-937-11	RES-CHIP	47	5%	1/16W
R8414	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R8415	1-218-990-81	SHORT CHIP	0		
R8416	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R8419	1-218-937-11	RES-CHIP	47	5%	1/16W
R8420	1-218-953-11	RES-CHIP	1K	5%	1/16W
R8421	1-218-941-81	RES-CHIP	100	5%	1/16W
R8422	1-218-990-81	SHORT CHIP	0		
R8427	1-218-968-11	RES-CHIP	18K	5%	1/16W
R8428	1-220-169-11	RES-CHIP	75	5%	1/16W
R8429	1-220-169-11	RES-CHIP	75	5%	1/16W
R8430	1-218-990-81	SHORT CHIP	0		
R8431	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W
R8432	1-220-169-11	RES-CHIP	75	5%	1/16W
R8433	1-218-941-81	RES-CHIP	100	5%	1/16W
R8434	1-218-968-11	RES-CHIP	18K	5%	1/16W
R8435	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R8436	1-220-169-11	RES-CHIP	75	5%	1/16W
R8437	1-220-169-11	RES-CHIP	75	5%	1/16W
R8438	1-220-169-11	RES-CHIP	75	5%	1/16W
R8439	1-218-941-81	RES-CHIP	100	5%	1/16W
R8440	1-208-941-11	METAL CHIP	180K	0.50%	1/16W
R8441	1-218-941-81	RES-CHIP	100	5%	1/16W
R8442	1-218-941-81	RES-CHIP	100	5%	1/16W
R8443	1-218-941-81	RES-CHIP	100	5%	1/16W
R8444	1-218-941-81	RES-CHIP	100	5%	1/16W
R8445	1-218-941-81	RES-CHIP	100	5%	1/16W
R8446	1-218-953-11	RES-CHIP	1K	5%	1/16W
R8447	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R8448	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R8449	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R8450	1-218-958-11	RES-CHIP	2.7K	5%	1/16W
R8451	1-218-960-11	RES-CHIP	3.9K	5%	1/16W
R8452	1-218-989-11	RES-CHIP	1M	5%	1/16W
R8453	1-218-953-11	RES-CHIP	1K	5%	1/16W
R8454	1-218-941-81	RES-CHIP	100	5%	1/16W
R8455	1-218-989-11	RES-CHIP	1M	5%	1/16W
R8458	1-218-941-81	RES-CHIP	100	5%	1/16W
R8462	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R8463	1-218-941-81	RES-CHIP	100	5%	1/16W
R8464	1-218-843-11	METAL CHIP	680	0.50%	1/10W
R8465	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R8466	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R8467	1-218-843-11	METAL CHIP	680	0.50%	1/10W
R8468	1-218-843-11	METAL CHIP	680	0.50%	1/10W
R8471	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R8472	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R8473	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R8474	1-218-990-81	SHORT CHIP	0		
R8475	1-218-990-81	SHORT CHIP	0		
R8476	1-218-990-81	SHORT CHIP	0		
R8477	1-218-990-81	SHORT CHIP	0		
R8478	1-218-990-81	SHORT CHIP	0		
R8479	1-218-990-81	SHORT CHIP	0		
R8480	1-216-864-11	SHORT CHIP	0		
R8484	1-218-990-81	SHORT CHIP	0		
R8485	1-218-990-81	SHORT CHIP	0		
R8486	1-218-990-81	SHORT CHIP	0		
R8487	1-218-941-81	RES-CHIP	100	5%	1/16W
R8488	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8489	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8490	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8491	1-218-937-11	RES-CHIP	47	5%	1/16W
R8492	1-218-937-11	RES-CHIP	47	5%	1/16W
R8493	1-218-937-11	RES-CHIP	47	5%	1/16W
R8494	1-218-941-81	RES-CHIP	100	5%	1/16W
R8495	1-218-937-11	RES-CHIP	47	5%	1/16W
R8496	1-218-937-11	RES-CHIP	47	5%	1/16W
R8497	1-218-941-81	RES-CHIP	100	5%	1/16W
R8498	1-218-941-81	RES-CHIP	100	5%	1/16W
R8499	1-218-937-11	RES-CHIP	47	5%	1/16W
R8500	1-218-937-11	RES-CHIP	47	5%	1/16W
R8501	1-218-937-11	RES-CHIP	47	5%	1/16W
R8502	1-218-941-81	RES-CHIP	100	5%	1/16W
R8503	1-218-990-81	SHORT CHIP	0		
R8505	1-218-941-81	RES-CHIP	100	5%	1/16W
R8506	1-218-990-81	SHORT CHIP	0		
R8507	1-218-990-81	SHORT CHIP	0		
R8511	1-218-937-11	RES-CHIP	47	5%	1/16W
R8512	1-218-937-11	RES-CHIP	47	5%	1/16W
R8513	1-218-937-11	RES-CHIP	47	5%	1/16W
R8514	1-218-937-11	RES-CHIP	47	5%	1/16W
R8515	1-218-937-11	RES-CHIP	47	5%	1/16W
R8516	1-218-937-11	RES-CHIP	47	5%	1/16W
R8517	1-218-937-11	RES-CHIP	47	5%	1/16W
R8520	1-218-937-11	RES-CHIP	47	5%	1/16W
R8521	1-218-937-11	RES-CHIP	47	5%	1/16W
R8522	1-218-937-11	RES-CHIP	47	5%	1/16W
R8525	1-218-937-11	RES-CHIP	47	5%	1/16W

REF. NO.	PART NO.	DESCRIPTION			REMARK
R8526	1-218-937-11	RES-CHIP	47	5%	1/16W
R8527	1-218-937-11	RES-CHIP	47	5%	1/16W
R8528	1-218-990-81	SHORT CHIP	0		
R8529	1-218-990-81	SHORT CHIP	0		
R8530	1-218-990-81	SHORT CHIP	0		
R8531	1-218-937-11	RES-CHIP	47	5%	1/16W
R8532	1-218-937-11	RES-CHIP	47	5%	1/16W
R8533	1-218-937-11	RES-CHIP	47	5%	1/16W
R8534	1-218-937-11	RES-CHIP	47	5%	1/16W
R8535	1-218-937-11	RES-CHIP	47	5%	1/16W
R8536	1-218-937-11	RES-CHIP	47	5%	1/16W
R8537	1-218-937-11	RES-CHIP	47	5%	1/16W
R8538	1-218-937-11	RES-CHIP	47	5%	1/16W
R8539	1-218-990-81	SHORT CHIP	0		
R8540	1-218-937-11	RES-CHIP	47	5%	1/16W
R8541	1-218-937-11	RES-CHIP	47	5%	1/16W
R8542	1-218-937-11	RES-CHIP	47	5%	1/16W
R8543	1-218-937-11	RES-CHIP	47	5%	1/16W
R8544	1-218-990-81	SHORT CHIP	0		
R8545	1-218-990-81	SHORT CHIP	0		
R8546	1-216-864-11	SHORT CHIP	0		
R8547	1-216-864-11	SHORT CHIP	0		
R8548	1-218-990-81	SHORT CHIP	0		
R8549	1-218-990-81	SHORT CHIP	0		
R8550	1-218-990-81	SHORT CHIP	0		
R8551	1-218-937-11	RES-CHIP	47	5%	1/16W
R8552	1-218-990-81	SHORT CHIP	0		
R8558	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8562	1-218-990-81	SHORT CHIP	0		
R8563	1-218-990-81	SHORT CHIP	0		
R8564	1-218-990-81	SHORT CHIP	0		
R8565	1-218-990-81	SHORT CHIP	0		
R8567	1-218-941-81	RES-CHIP	100	5%	1/16W
R8568	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R8570	1-218-983-11	RES-CHIP	330K	5%	1/16W
R8571	1-218-990-81	SHORT CHIP	0		
R8572	1-218-990-81	SHORT CHIP	0		
R8577	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8578	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8584	1-218-945-11	RES-CHIP	220	5%	1/16W
R8585	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8600	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8625	1-218-951-11	RES-CHIP	680	5%	1/16W
R8626	1-218-973-11	RES-CHIP	47K	5%	1/16W
R8627	1-218-989-11	RES-CHIP	1M	5%	1/16W
R8628	1-218-953-11	RES-CHIP	1K	5%	1/16W
R8629	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8632	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8634	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8635	1-218-941-81	RES-CHIP	100	5%	1/16W
R8636	1-218-953-11	RES-CHIP	1K	5%	1/16W
R8637	1-218-941-81	RES-CHIP	100	5%	1/16W
R8638	1-218-941-81	RES-CHIP	100	5%	1/16W
R8639	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8641	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8643	1-218-941-81	RES-CHIP	100	5%	1/16W
R8646	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8647	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8649	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8656	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8658	1-218-973-11	RES-CHIP	47K	5%	1/16W
R8659	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8661	1-218-965-11	RES-CHIP	10K	5%	1/16W

REF. NO.	PART NO.	DESCRIPTION			REMARK
R8662	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8663	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8664	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8665	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8666	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8667	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8668	1-218-977-11	RES-CHIP	100K	5%	1/16W
R8669	1-218-941-81	RES-CHIP	100	5%	1/16W
R8670	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8672	1-218-941-81	RES-CHIP	100	5%	1/16W
R8673	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8675	1-218-941-81	RES-CHIP	100	5%	1/16W
R8676	1-218-941-81	RES-CHIP	100	5%	1/16W
R8679	1-218-990-81	SHORT CHIP	0		
R8681	1-218-990-81	SHORT CHIP	0		
R8682	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8683	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8686	1-218-933-11	RES-CHIP	22	5%	1/16W
R8689	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8691	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8692	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8693	1-218-953-11	RES-CHIP	1K	5%	1/16W
R8694	1-218-977-11	RES-CHIP	100K	5%	1/16W
R8696	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8697	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8698	1-218-933-11	RES-CHIP	22	5%	1/16W
R8699	1-218-973-11	RES-CHIP	47K	5%	1/16W
R8700	1-218-933-11	RES-CHIP	22	5%	1/16W
R8701	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8702	1-218-933-11	RES-CHIP	22	5%	1/16W
R8703	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8704	1-218-933-11	RES-CHIP	22	5%	1/16W
R8706	1-218-933-11	RES-CHIP	22	5%	1/16W
R8707	1-218-933-11	RES-CHIP	22	5%	1/16W
R8709	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R8710	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R8712	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R8713	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R8715	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8720	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8723	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8724	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8725	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8726	1-218-941-81	RES-CHIP	100	5%	1/16W
R8727	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8728	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8729	1-218-933-11	RES-CHIP	22	5%	1/16W
R8731	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8732	1-218-941-81	RES-CHIP	100	5%	1/16W
R8733	1-218-941-81	RES-CHIP	100	5%	1/16W
R8734	1-218-941-81	RES-CHIP	100	5%	1/16W
R8735	1-218-941-81	RES-CHIP	100	5%	1/16W
R8736	1-218-953-11	RES-CHIP	1K	5%	1/16W
R8737	1-218-933-11	RES-CHIP	22	5%	1/16W
R8739	1-218-941-81	RES-CHIP	100	5%	1/16W
R8740	1-218-941-81	RES-CHIP	100	5%	1/16W
R8741	1-218-933-11	RES-CHIP	22	5%	1/16W
R8742	1-218-933-11	RES-CHIP	22	5%	1/16W
R8743	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8748	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8749	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R8750	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R8751	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R8752	1-218-961-11	RES-CHIP	4.7K	5%	1/16W

REF. NO.	PART NO.	DESCRIPTION			REMARK
R8753	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8754	1-218-973-11	RES-CHIP	47K	5%	1/16W
R8755	1-218-973-11	RES-CHIP	47K	5%	1/16W
R8756	1-218-969-11	RES-CHIP	22K	5%	1/16W
R8758	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8759	1-218-990-81	SHORT CHIP	0		
R8765	1-218-941-81	RES-CHIP	100	5%	1/16W
R8766	1-218-941-81	RES-CHIP	100	5%	1/16W
R8768	1-218-990-81	SHORT CHIP	0		
R8769	1-218-937-11	RES-CHIP	47	5%	1/16W
R8770	1-218-937-11	RES-CHIP	47	5%	1/16W
R8773	1-218-937-11	RES-CHIP	47	5%	1/16W
R8774	1-218-937-11	RES-CHIP	47	5%	1/16W
R8775	1-218-937-11	RES-CHIP	47	5%	1/16W
R8776	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8777	1-218-990-81	SHORT CHIP	0		
R8778	1-218-937-11	RES-CHIP	47	5%	1/16W
R8779	1-218-937-11	RES-CHIP	47	5%	1/16W
R8780	1-218-983-11	RES-CHIP	330K	5%	1/16W
R8781	1-218-983-11	RES-CHIP	330K	5%	1/16W
R8782	1-208-663-11	METAL CHIP	150	0.50%	1/16W
R8783	1-208-663-11	METAL CHIP	150	0.50%	1/16W
R8784	1-208-663-11	METAL CHIP	150	0.50%	1/16W
R8785	1-208-663-11	METAL CHIP	150	0.50%	1/16W
R8786	1-208-663-11	METAL CHIP	150	0.50%	1/16W
R8787	1-208-663-11	METAL CHIP	150	0.50%	1/16W
R8788	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R8789	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R8790	1-218-949-11	RES-CHIP	470	5%	1/16W
R8791	1-218-949-11	RES-CHIP	470	5%	1/16W
R8792	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8793	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8795	1-218-941-81	RES-CHIP	100	5%	1/16W
R8796	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R8797	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8799	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8807	1-218-990-81	SHORT CHIP	0		
R8808	1-218-990-81	SHORT CHIP	0		
R8813	1-208-715-11	METAL CHIP	22K	0.50%	1/16W
R8814	1-218-958-11	RES-CHIP	2.7K	5%	1/16W
R8815	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R8816	1-208-873-81	METAL CHIP	270	0.50%	1/16W
R8817	1-208-927-11	METAL CHIP	47K	0.50%	1/16W
R8820	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W
R8821	1-208-927-11	METAL CHIP	47K	0.50%	1/16W
R8825	1-218-990-81	SHORT CHIP	0		
R8827	1-218-990-81	SHORT CHIP	0		
R8828	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R8829	1-218-990-81	SHORT CHIP	0		
R8830	1-218-990-81	SHORT CHIP	0		
R8832	1-218-990-81	SHORT CHIP	0		
R8833	1-216-864-11	SHORT CHIP	0		
R8834	1-216-864-11	SHORT CHIP	0		
R8835	1-216-864-11	SHORT CHIP	0		
R8836	1-216-864-11	SHORT CHIP	0		
R8837	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8838	1-216-864-11	SHORT CHIP	0		
R8839	1-216-864-11	SHORT CHIP	0		
R8840	1-216-864-11	SHORT CHIP	0		
R8841	1-216-864-11	SHORT CHIP	0		
R8842	1-216-864-11	SHORT CHIP	0		
R8843	1-216-864-11	SHORT CHIP	0		
R8844	1-218-990-81	SHORT CHIP	0		

REF. NO.	PART NO.	DESCRIPTION			REMARK
R8845	1-218-990-81	SHORT CHIP	0		
R8846	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R8850	1-208-713-11	METAL CHIP	18K	0.50%	1/16W
R8851	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R8854	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8855	1-218-990-81	SHORT CHIP	0		
R8857	1-218-990-81	SHORT CHIP	0		
R8862	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R8866	1-218-933-11	RES-CHIP	22	5%	1/16W
R8867	1-218-933-11	RES-CHIP	22	5%	1/16W
R8868	1-218-990-81	SHORT CHIP	0		
R8869	1-218-990-81	SHORT CHIP	0		
R8870	1-218-990-81	SHORT CHIP	0		
R8871	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8878	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8879	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8880	1-218-941-81	RES-CHIP	100	5%	1/16W
R8882	1-218-941-81	RES-CHIP	100	5%	1/16W
R8883	1-218-941-81	RES-CHIP	100	5%	1/16W
R8895	1-218-973-11	RES-CHIP	47K	5%	1/16W
R8896	1-218-973-11	RES-CHIP	47K	5%	1/16W
R8897	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R8898	1-218-973-11	RES-CHIP	47K	5%	1/16W
R8899	1-218-973-11	RES-CHIP	47K	5%	1/16W
R8902	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8910	1-218-973-11	RES-CHIP	47K	5%	1/16W
R8911	1-218-973-11	RES-CHIP	47K	5%	1/16W
R8912	1-218-973-11	RES-CHIP	47K	5%	1/16W
R8913	1-218-973-11	RES-CHIP	47K	5%	1/16W
R8914	1-218-973-11	RES-CHIP	47K	5%	1/16W
R8915	1-218-990-81	SHORT CHIP	0		
R8916	1-218-983-11	RES-CHIP	330K	5%	1/16W
R8917	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R8918	1-208-927-11	METAL CHIP	47K	0.50%	1/16W
R8919	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R8920	1-208-909-11	METAL CHIP	8.2K	0.50%	1/16W
R8921	1-218-963-11	RES-CHIP	6.8K	5%	1/16W
R8922	1-218-963-11	RES-CHIP	6.8K	5%	1/16W
R8924	1-218-990-81	SHORT CHIP	0		
R8926	1-218-990-81	SHORT CHIP	0		
R8950	1-218-941-81	RES-CHIP	100	5%	1/16W
R8951	1-218-990-81	SHORT CHIP	0		
R8953	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8954	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8955	1-218-965-11	RES-CHIP	10K	5%	1/16W
R9303	1-218-990-81	SHORT CHIP	0		
R9304	1-218-990-81	SHORT CHIP	0		
R9305	1-218-990-81	SHORT CHIP	0		
R9308	1-218-937-11	RES-CHIP	47	5%	1/16W
R9313	1-218-937-11	RES-CHIP	47	5%	1/16W
R9314	1-218-937-11	RES-CHIP	47	5%	1/16W
R9315	1-218-937-11	RES-CHIP	47	5%	1/16W
R9316	1-218-937-11	RES-CHIP	47	5%	1/16W
R9317	1-218-937-11	RES-CHIP	47	5%	1/16W
R9318	1-218-937-11	RES-CHIP	47	5%	1/16W
R9327	1-218-965-11	RES-CHIP	10K	5%	1/16W
R9329	1-218-937-11	RES-CHIP	47	5%	1/16W
R9330	1-218-937-11	RES-CHIP	47	5%	1/16W
R9331	1-218-937-11	RES-CHIP	47	5%	1/16W
R9332	1-218-937-11	RES-CHIP	47	5%	1/16W
R9333	1-218-937-11	RES-CHIP	47	5%	1/16W
R9334	1-218-937-11	RES-CHIP	47	5%	1/16W
R9343	1-218-941-81	RES-CHIP	100	5%	1/16W

REF. NO.	PART NO.	DESCRIPTION			REMARK
R9345	1-218-990-81	SHORT CHIP	0		
R9346	1-218-990-81	SHORT CHIP	0		
R9347	1-218-990-81	SHORT CHIP	0		
R9361	1-218-937-11	RES-CHIP	47	5%	1/16W
R9362	1-218-990-81	SHORT CHIP	0		
R9363	1-218-990-81	SHORT CHIP	0		
R9364	1-218-990-81	SHORT CHIP	0		
R9365	1-218-941-81	RES-CHIP	100	5%	1/16W
R9366	1-218-937-11	RES-CHIP	47	5%	1/16W
R9367	1-218-941-81	RES-CHIP	100	5%	1/16W
R9368	1-218-937-11	RES-CHIP	47	5%	1/16W
R9369	1-218-937-11	RES-CHIP	47	5%	1/16W
R9370	1-218-941-81	RES-CHIP	100	5%	1/16W
R9371	1-218-937-11	RES-CHIP	47	5%	1/16W
R9372	1-218-937-11	RES-CHIP	47	5%	1/16W
R9373	1-218-941-81	RES-CHIP	100	5%	1/16W
R9374	1-218-937-11	RES-CHIP	47	5%	1/16W
R9375	1-218-937-11	RES-CHIP	47	5%	1/16W
R9377	1-218-937-11	RES-CHIP	47	5%	1/16W
R9379	1-218-941-81	RES-CHIP	100	5%	1/16W
R9380	1-218-941-81	RES-CHIP	100	5%	1/16W
R9381	1-218-973-11	RES-CHIP	47K	5%	1/16W
R9382	1-218-937-11	RES-CHIP	47	5%	1/16W
R9383	1-218-937-11	RES-CHIP	47	5%	1/16W
R9384	1-218-937-11	RES-CHIP	47	5%	1/16W
R9385	1-218-965-11	RES-CHIP	10K	5%	1/16W
R9386	1-218-937-11	RES-CHIP	47	5%	1/16W
R9387	1-218-823-11	METAL CHIP	100	0.50%	1/10W
R9388	1-218-937-11	RES-CHIP	47	5%	1/16W
R9391	1-218-965-11	RES-CHIP	10K	5%	1/16W
R9395	1-218-990-81	SHORT CHIP	0		
R9396	1-218-990-81	SHORT CHIP	0		
R9397	1-218-990-81	SHORT CHIP	0		
R9398	1-218-990-81	SHORT CHIP	0		
R9399	1-218-973-11	RES-CHIP	47K	5%	1/16W
R9401	1-218-877-11	METAL CHIP	18K	0.50%	1/10W
R9402	1-218-869-11	METAL CHIP	8.2K	0.50%	1/10W
R9403	1-218-953-11	RES-CHIP	1K	5%	1/16W
R9404	1-218-963-11	RES-CHIP	6.8K	5%	1/16W
R9405	1-218-966-11	RES-CHIP	12K	5%	1/16W
R9406	1-218-953-11	RES-CHIP	1K	5%	1/16W
R9407	1-218-947-11	RES-CHIP	330	5%	1/16W
R9408	1-218-947-11	RES-CHIP	330	5%	1/16W
R9411	1-218-973-11	RES-CHIP	47K	5%	1/16W
R9412	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R9413	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R9414	1-218-973-11	RES-CHIP	47K	5%	1/16W
R9415	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R9416	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R9425	1-218-985-11	RES-CHIP	470K	5%	1/16W
R9426	1-218-985-11	RES-CHIP	470K	5%	1/16W
R9433	1-218-953-11	RES-CHIP	1K	5%	1/16W
R9434	1-218-953-11	RES-CHIP	1K	5%	1/16W
R9437	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R9438	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R9454	1-218-990-81	SHORT CHIP	0		
R9458	1-218-990-81	SHORT CHIP	0		
R9460	1-218-990-81	SHORT CHIP	0		
R9461	1-218-990-81	SHORT CHIP	0		
R9462	1-218-965-11	RES-CHIP	10K	5%	1/16W
R9463	1-218-965-11	RES-CHIP	10K	5%	1/16W
R9466	1-218-965-11	RES-CHIP	10K	5%	1/16W
R9467	1-218-965-11	RES-CHIP	10K	5%	1/16W
R9468	1-218-965-11	RES-CHIP	10K	5%	1/16W

REF. NO.	PART NO.	DESCRIPTION			REMARK
R9469	1-218-965-11	RES-CHIP	10K	5%	1/16W
R9470	1-218-965-11	RES-CHIP	10K	5%	1/16W
R9471	1-218-941-81	RES-CHIP	100	5%	1/16W
R9472	1-218-965-11	RES-CHIP	10K	5%	1/16W
R9473	1-218-990-81	SHORT CHIP	0		
R9601	1-218-973-11	RES-CHIP	47K	5%	1/16W
R9602	1-218-969-11	RES-CHIP	22K	5%	1/16W
R9603	1-218-949-11	RES-CHIP	470	5%	1/16W
R9604	1-218-989-11	RES-CHIP	1M	5%	1/16W
R9606	1-218-965-11	RES-CHIP	10K	5%	1/16W
R9610	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R9611	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R9616	1-218-990-81	SHORT CHIP	0		
R9619	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R9620	1-218-937-11	RES-CHIP	47	5%	1/16W
R9621	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R9622	1-218-937-11	RES-CHIP	47	5%	1/16W
R9623	1-218-965-11	RES-CHIP	10K	5%	1/16W
R9624	1-218-965-11	RES-CHIP	10K	5%	1/16W
R9625	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R9626	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R9630	1-218-990-81	SHORT CHIP	0		
R9631	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R9633	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R9635	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R9636	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R9637	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R9638	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R9641	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R9642	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R9645	1-218-977-11	RES-CHIP	100K	5%	1/16W
R9646	1-218-977-11	RES-CHIP	100K	5%	1/16W
R9658	1-218-953-11	RES-CHIP	1K	5%	1/16W
R9662	1-218-963-11	RES-CHIP	6.8K	5%	1/16W
R9663	1-218-966-11	RES-CHIP	12K	5%	1/16W
R9666	1-218-990-81	SHORT CHIP	0		
R9668	1-218-990-81	SHORT CHIP	0		
R9670	1-218-963-11	RES-CHIP	6.8K	5%	1/16W
R9671	1-218-966-11	RES-CHIP	12K	5%	1/16W
R9673	1-218-953-11	RES-CHIP	1K	5%	1/16W
R9677	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R9678	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R9682	1-218-973-11	RES-CHIP	47K	5%	1/16W
R9683	1-218-973-11	RES-CHIP	47K	5%	1/16W
R9684	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R9685	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R9692	1-218-965-11	RES-CHIP	10K	5%	1/16W
R9694	1-218-965-11	RES-CHIP	10K	5%	1/16W
R9695	1-218-965-11	RES-CHIP	10K	5%	1/16W
R9803	1-218-964-11	RES-CHIP	8.2K	5%	1/16W
R9804	1-218-964-11	RES-CHIP	8.2K	5%	1/16W
R9805	1-218-964-11	RES-CHIP	8.2K	5%	1/16W
R9806	1-218-964-11	RES-CHIP	8.2K	5%	1/16W
R9807	1-218-973-11	RES-CHIP	47K	5%	1/16W
R9808	1-218-971-11	RES-CHIP	33K	5%	1/16W
R9810	1-218-971-11	RES-CHIP	33K	5%	1/16W
R9811	1-218-973-11	RES-CHIP	47K	5%	1/16W
R9814	1-218-990-81	SHORT CHIP	0		
R9815	1-218-990-81	SHORT CHIP	0		
R9816	1-218-975-11	RES-CHIP	68K	5%	1/16W
R9817	1-218-953-11	RES-CHIP	1K	5%	1/16W
R9818	1-218-963-11	RES-CHIP	6.8K	5%	1/16W
R9819	1-218-966-11	RES-CHIP	12K	5%	1/16W

REF. NO.	PART NO.	DESCRIPTION			REMARK
R9820	1-218-965-11	RES-CHIP	10K	5%	1/16W
R9821	1-218-963-11	RES-CHIP	6.8K	5%	1/16W
R9822	1-218-971-11	RES-CHIP	33K	5%	1/16W
R9823	1-218-965-11	RES-CHIP	10K	5%	1/16W
R9824	1-218-990-81	SHORT CHIP	0		
R9825	1-218-990-81	SHORT CHIP	0		
R9829	1-218-977-11	RES-CHIP	100K	5%	1/16W
R9830	1-218-977-11	RES-CHIP	100K	5%	1/16W
R9831	1-218-990-81	SHORT CHIP	0		
R9832	1-218-973-11	RES-CHIP	47K	5%	1/16W
R9833	1-218-990-81	SHORT CHIP	0		
R9834	1-218-973-11	RES-CHIP	47K	5%	1/16W
R9835	1-218-990-81	SHORT CHIP	0		
R9836	1-218-965-11	RES-CHIP	10K	5%	1/16W
R9840	1-218-990-81	SHORT CHIP	0		
R9841	1-218-965-11	RES-CHIP	10K	5%	1/16W
R9843	1-218-990-81	SHORT CHIP	0		
R9845	1-218-990-81	SHORT CHIP	0		
R9846	1-216-841-11	METAL CHIP	47K	5%	1/10W
R9847	1-218-963-11	RES-CHIP	6.8K	5%	1/16W
R9848	1-218-963-11	RES-CHIP	6.8K	5%	1/16W
R9849	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R9850	1-218-879-11	METAL CHIP	22K	0.50%	1/10W
R9851	1-218-901-11	METAL CHIP	180K	0.50%	1/10W
R9852	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R9853	1-218-963-11	RES-CHIP	6.8K	5%	1/16W
R9854	1-218-963-11	RES-CHIP	6.8K	5%	1/16W
R9855	1-216-833-11	METAL CHIP	10K	5%	1/10W
R9856	1-218-873-11	METAL CHIP	12K	0.50%	1/10W
R9857	1-218-873-11	METAL CHIP	12K	0.50%	1/10W
R9858	1-218-990-81	SHORT CHIP	0		
R9860	1-218-964-11	RES-CHIP	8.2K	5%	1/16W
R9862	1-216-138-00	RES-CHIP	3.3	5%	1/8W
R9864	1-216-138-00	RES-CHIP	3.3	5%	1/8W
R9866	1-216-845-11	METAL CHIP	100K	5%	1/10W
R9867	1-216-845-11	METAL CHIP	100K	5%	1/10W
R9868	1-216-845-11	METAL CHIP	100K	5%	1/10W
R9869	1-216-845-11	METAL CHIP	100K	5%	1/10W
R9870	1-216-845-11	METAL CHIP	100K	5%	1/10W
R9871	1-216-845-11	METAL CHIP	100K	5%	1/10W
R9872	1-216-833-11	METAL CHIP	10K	5%	1/10W
R9873	1-216-845-11	METAL CHIP	100K	5%	1/10W
R9877	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R9878	1-218-877-11	METAL CHIP	18K	0.50%	1/10W
R9879	1-218-953-11	RES-CHIP	1K	5%	1/16W
R9887	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R9888	1-218-973-11	RES-CHIP	47K	5%	1/16W
R9889	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R9890	1-218-965-11	RES-CHIP	10K	5%	1/16W
R9891	1-218-990-81	SHORT CHIP	0		
R9892	1-218-965-11	RES-CHIP	10K	5%	1/16W
R9893	1-218-965-11	RES-CHIP	10K	5%	1/16W
R9894	1-218-965-11	RES-CHIP	10K	5%	1/16W
R9897	1-218-965-11	RES-CHIP	10K	5%	1/16W
R9898	1-216-864-11	SHORT CHIP	0		
R9899	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R9902	1-218-990-81	SHORT CHIP	0		
R9903	1-218-990-81	SHORT CHIP	0		
R9904	1-218-973-11	RES-CHIP	47K	5%	1/16W
R9905	1-218-975-11	RES-CHIP	68K	5%	1/16W
R9906	1-218-965-11	RES-CHIP	10K	5%	1/16W
R9907	1-218-965-11	RES-CHIP	10K	5%	1/16W
R9908	1-208-699-11	METAL CHIP	4.7K	0.50%	1/16W

REF. NO.	PART NO.	DESCRIPTION			REMARK
R9910	1-218-965-11	RES-CHIP	10K	5%	1/16W
R9911	1-208-707-11	METAL CHIP	10K	0.50%	1/16W
R9912	1-208-707-11	METAL CHIP	10K	0.50%	1/16W
R9913	1-218-979-11	RES-CHIP	150K	5%	1/16W
R9914	1-208-675-11	METAL CHIP	470	0.50%	1/16W
R9915	1-208-707-11	METAL CHIP	10K	0.50%	1/16W
R9918	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W
R9919	1-218-990-81	SHORT CHIP	0		
R9920	1-218-965-11	RES-CHIP	10K	5%	1/16W
R9921	1-218-969-11	RES-CHIP	22K	5%	1/16W
R9922	1-218-973-11	RES-CHIP	47K	5%	1/16W
R9923	1-218-953-11	RES-CHIP	1K	5%	1/16W
R9924	1-218-965-11	RES-CHIP	10K	5%	1/16W
R9925	1-218-990-81	SHORT CHIP	0		
R9926	1-218-990-81	SHORT CHIP	0		
R9928	1-216-795-11	METAL CHIP	6.8	5%	1/10W
R9934	1-216-138-00	RES-CHIP	3.3	5%	1/8W
R9936	1-216-138-00	RES-CHIP	3.3	5%	1/8W
R9943	1-216-795-11	METAL CHIP	6.8	5%	1/10W
R9944	1-216-795-11	METAL CHIP	6.8	5%	1/10W
R9945	1-218-958-11	RES-CHIP	2.7K	5%	1/16W
R9946	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R9947	1-218-955-11	RES-CHIP	1.5K	5%	1/16W
R9948	1-218-969-11	RES-CHIP	22K	5%	1/16W
R9949	1-218-969-11	RES-CHIP	22K	5%	1/16W
R9950	1-218-989-11	RES-CHIP	1M	5%	1/16W
R9951	1-218-989-11	RES-CHIP	1M	5%	1/16W
R9953	1-218-973-11	RES-CHIP	47K	5%	1/16W
R9954	1-218-973-11	RES-CHIP	47K	5%	1/16W

< COMPOSITION CIRCUIT BLOCK >

RB8000	1-234-371-21	RES, NETWORK	47 (1005X4)
RB8001	1-234-371-21	RES, NETWORK	47 (1005X4)
RB8002	1-234-371-21	RES, NETWORK	47 (1005X4)
RB8003	1-234-371-21	RES, NETWORK	47 (1005X4)
RB8004	1-234-378-21	RES, NETWORK	10K (1005X4)
RB8005	1-234-378-21	RES, NETWORK	10K (1005X4)
RB8006	1-234-371-21	RES, NETWORK	47 (1005X4)
RB8007	1-234-371-21	RES, NETWORK	47 (1005X4)
RB8008	1-234-371-21	RES, NETWORK	47 (1005X4)
RB8300	1-234-371-21	RES, NETWORK	47 (1005X4)
RB8302	1-234-371-21	RES, NETWORK	47 (1005X4)
RB8500	1-234-378-21	RES, NETWORK	10K (1005X4)
RB9300	1-234-372-11	RES, NETWORK	100 (1005X4)
RB9301	1-234-372-11	RES, NETWORK	100 (1005X4)
RB9302	1-234-372-11	RES, NETWORK	100 (1005X4)
RB9303	1-234-372-11	RES, NETWORK	100 (1005X4)
RB9304	1-234-372-11	RES, NETWORK	100 (1005X4)
RB9305	1-234-372-11	RES, NETWORK	100 (1005X4)
RB9306	1-234-372-11	RES, NETWORK	100 (1005X4)

< TERMINAL >

TB8300	1-780-271-11	S CONNECTOR BLOCK
TB8301	1-780-272-11	TERMINAL BOARD

< TEST PIN >

TP8000	1-535-757-11	CHIP, CHECKER
TP8001	1-535-757-11	CHIP, CHECKER
TP8002	1-535-757-11	CHIP, CHECKER

< VARISTOR >

VD8320	1-803-742-21	VARISTOR, CHIP
VD8321	1-803-742-21	VARISTOR, CHIP
VD8570	1-802-078-11	VARISTOR (SMD)

REF. NO.	PART NO.	DESCRIPTION			REMARK
VD8571	1-802-078-11	VARISTOR (SMD)			
VD8572	1-802-078-11	VARISTOR (SMD)			
		< VIBRATOR >			
X8001	1-813-784-21	VIBRATOR, CRYSTAL			
X8002	1-813-113-11	VIBRATOR, CRYSTAL			
X8300	1-781-922-21	VIBRATOR, CERAMIC			
X8500	1-813-374-21	QUARTS CRYSTAL VIBRATOR			
X9301	1-795-612-11	VIBRATOR, CRYSTAL			
**********					
🔒	A-1205-147A	B1 BOARD, COMPLETE			
		**********			
		< CAPACITOR >			
C4003	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C4004	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C4006	1-100-911-11	CERAMIC CHIP	4.7uF	10%	25V
C4007	1-100-911-11	CERAMIC CHIP	4.7uF	10%	25V
C4008	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C4009	1-100-911-11	CERAMIC CHIP	4.7uF	10%	25V
C4010	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C4011	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C4016	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C4017	1-100-911-11	CERAMIC CHIP	4.7uF	10%	25V
C4301	1-100-911-11	CERAMIC CHIP	4.7uF	10%	25V
C4302	1-100-911-11	CERAMIC CHIP	4.7uF	10%	25V
C4304	1-100-911-11	CERAMIC CHIP	4.7uF	10%	25V
C4307	1-112-066-11	CERAMIC CHIP	10uF	10%	10V
C4317	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C4319	1-164-870-11	CERAMIC CHIP	68PF	5%	50V
C4324	1-100-911-11	CERAMIC CHIP	4.7uF	10%	25V
C4325	1-100-911-11	CERAMIC CHIP	4.7uF	10%	25V
C4327	1-162-959-11	CERAMIC CHIP	330PF	5%	50V
C4329	1-100-591-91	CERAMIC CHIP	1uF	10%	25V
C4331	1-100-591-91	CERAMIC CHIP	1uF	10%	25V
C4333	1-100-591-91	CERAMIC CHIP	1uF	10%	25V
C4335	1-100-907-11	CERAMIC CHIP	0.1uF	10%	10V
C4337	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V
C4339	1-115-412-11	CERAMIC CHIP	680PF	5%	25V
C4341	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V
C4345	1-112-066-11	CERAMIC CHIP	10uF	10%	10V
C4377	1-100-591-91	CERAMIC CHIP	1uF	10%	25V
C4380	1-112-066-11	CERAMIC CHIP	10uF	10%	10V
C4391	1-164-935-11	CERAMIC CHIP	470PF	10%	50V
C4392	1-164-935-11	CERAMIC CHIP	470PF	10%	50V
C4395	1-164-939-11	CERAMIC CHIP	0.0022uF	10%	50V
C4396	1-164-939-11	CERAMIC CHIP	0.0022uF	10%	50V
C4399	1-110-501-11	CERAMIC CHIP	0.33uF	10%	16V
C4400	1-126-391-11	ELECT CHIP	47uF	20%	6.3V
C4403	1-100-907-11	CERAMIC CHIP	0.1uF	10%	10V
C4500	1-164-866-11	CERAMIC CHIP	47PF	5%	50V
C4501	1-164-866-11	CERAMIC CHIP	47PF	5%	50V
C4502	1-164-866-11	CERAMIC CHIP	47PF	5%	50V
C4503	1-164-866-11	CERAMIC CHIP	47PF	5%	50V
C4504	1-125-889-91	CERAMIC CHIP	2.2uF	10%	10V
C4505	1-125-889-91	CERAMIC CHIP	2.2uF	10%	10V
C4506	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C4507	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C4508	1-100-567-81	CERAMIC CHIP	10000PF	10%	25V
C4509	1-100-567-81	CERAMIC CHIP	10000PF	10%	25V
C4510	1-100-567-81	CERAMIC CHIP	10000PF	10%	25V
C4511	1-100-567-81	CERAMIC CHIP	10000PF	10%	25V
C4512	1-100-567-81	CERAMIC CHIP	10000PF	10%	25V
C4513	1-100-567-81	CERAMIC CHIP	10000PF	10%	25V
C4514	1-100-567-81	CERAMIC CHIP	10000PF	10%	25V
C4515	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C4519	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C4521	1-100-567-81	CERAMIC CHIP	10000PF	10%	25V
C4523	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C4524	1-100-567-81	CERAMIC CHIP	10000PF	10%	25V
C4525	1-124-779-00	ELECT CHIP	10uF	20%	16V
C4526	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C4528	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C4529	1-124-779-00	ELECT CHIP	10uF	20%	16V
C4532	1-126-394-11	ELECT CHIP	10uF	20%	16V
C4533	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C4534	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C4535	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C4536	1-126-394-11	ELECT CHIP	10uF	20%	16V
C4537	1-126-394-11	ELECT CHIP	10uF	20%	16V
C4538	1-100-905-11	CERAMIC CHIP	0.001uF	10%	50V
C4539	1-100-905-11	CERAMIC CHIP	0.001uF	10%	50V
C4540	1-100-905-11	CERAMIC CHIP	0.001uF	10%	50V
C4541	1-100-905-11	CERAMIC CHIP	0.001uF	10%	50V
C4542	1-100-905-11	CERAMIC CHIP	0.001uF	10%	50V
C4543	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C4544	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C4545	1-100-905-11	CERAMIC CHIP	0.001uF	10%	50V
C4552	1-100-905-11	CERAMIC CHIP	0.001uF	10%	50V
C4553	1-100-905-11	CERAMIC CHIP	0.001uF	10%	50V
C4554	1-100-905-11	CERAMIC CHIP	0.001uF	10%	50V
C4555	1-100-905-11	CERAMIC CHIP	0.001uF	10%	50V
C4556	1-100-905-11	CERAMIC CHIP	0.001uF	10%	50V
C4557	1-100-905-11	CERAMIC CHIP	0.001uF	10%	50V
C4558	1-100-905-11	CERAMIC CHIP	0.001uF	10%	50V
C4561	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C4562	1-126-394-11	ELECT CHIP	10uF	20%	16V
C4563	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C4565	1-100-905-11	CERAMIC CHIP	0.001uF	10%	50V
C4566	1-100-905-11	CERAMIC CHIP	0.001uF	10%	50V
C4568	1-100-905-11	CERAMIC CHIP	0.001uF	10%	50V
C4569	1-126-394-11	ELECT CHIP	10uF	20%	16V
C4570	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C4572	1-126-394-11	ELECT CHIP	10uF	20%	16V
C4800	1-131-661-21	ELECT CHIP	100uF	20%	10V
C4802	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C4804	1-131-661-21	ELECT CHIP	100uF	20%	10V
C4805	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C4806	1-131-661-21	ELECT CHIP	100uF	20%	10V
C4807	1-131-661-21	ELECT CHIP	100uF	20%	10V
C4808	1-131-661-21	ELECT CHIP	100uF	20%	10V
C4809	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C4810	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C4811	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C4812	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C4813	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C4814	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C4815	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C4816	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C4817	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C4818	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C4819	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C4820	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C4821	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C4822	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C4823	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V

REF. NO.	PART NO.	DESCRIPTION			REMARK
C4824	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C4825	1-100-909-11	CERAMIC CHIP	10uF	10%	6.3V
C4826	1-100-909-11	CERAMIC CHIP	10uF	10%	6.3V
C4827	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C4828	1-100-909-11	CERAMIC CHIP	10uF	10%	6.3V
C4829	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C4830	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C4831	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C4832	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C4833	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C4834	1-100-907-11	CERAMIC CHIP	0.1uF	10%	10V
C4835	1-100-907-11	CERAMIC CHIP	0.1uF	10%	10V
C4836	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C4837	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C4838	1-100-909-11	CERAMIC CHIP	10uF	10%	6.3V
C4839	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C4840	1-100-909-11	CERAMIC CHIP	10uF	10%	6.3V
C4841	1-100-907-11	CERAMIC CHIP	0.1uF	10%	10V
C4842	1-100-907-11	CERAMIC CHIP	0.1uF	10%	10V
C4843	1-100-907-11	CERAMIC CHIP	0.1uF	10%	10V
C4844	1-100-907-11	CERAMIC CHIP	0.1uF	10%	10V
C4847	1-100-909-11	CERAMIC CHIP	10uF	10%	6.3V
C4849	1-100-907-11	CERAMIC CHIP	0.1uF	10%	10V
C4850	1-100-907-11	CERAMIC CHIP	0.1uF	10%	10V
C4851	1-100-909-11	CERAMIC CHIP	10uF	10%	6.3V
C4853	1-100-909-11	CERAMIC CHIP	10uF	10%	6.3V
C4854	1-100-909-11	CERAMIC CHIP	10uF	10%	6.3V
C4855	1-100-909-11	CERAMIC CHIP	10uF	10%	6.3V
C4856	1-126-396-11	ELECT CHIP	47uF	20%	16V
C4857	1-131-661-21	ELECT CHIP	100uF	20%	10V
C4858	1-131-661-21	ELECT CHIP	100uF	20%	10V
C4859	1-131-661-21	ELECT CHIP	100uF	20%	10V
C4860	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C4861	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C4862	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C4863	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C4864	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C4865	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C4866	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C4867	1-112-781-11	CERAMIC CHIP	1uF	10%	10V
C4868	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C4869	1-100-909-11	CERAMIC CHIP	10uF	10%	6.3V
C4870	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C4871	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C4872	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C4873	1-131-661-21	ELECT CHIP	100uF	20%	10V
C4875	1-100-907-11	CERAMIC CHIP	0.1uF	10%	10V
C4876	1-131-661-21	ELECT CHIP	100uF	20%	10V
C4879	1-100-907-11	CERAMIC CHIP	0.1uF	10%	10V
C4880	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C4883	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C4884	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C4885	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C4886	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C4887	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C4888	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C4889	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C4890	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C4891	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C4892	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C4893	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C4894	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5000	1-126-390-11	ELECT CHIP	22uF	20%	6.3V

REF. NO.	PART NO.	DESCRIPTION			REMARK
C5001	1-126-390-11	ELECT CHIP	22uF	20%	6.3V
C5002	1-100-905-11	CERAMIC CHIP	0.001uF	10%	50V
C5003	1-126-390-11	ELECT CHIP	22uF	20%	6.3V
C5004	1-100-907-11	CERAMIC CHIP	0.1uF	10%	10V
C5005	1-100-905-11	CERAMIC CHIP	0.001uF	10%	50V
C5006	1-100-905-11	CERAMIC CHIP	0.001uF	10%	50V
C5007	1-100-907-11	CERAMIC CHIP	0.1uF	10%	10V
C5008	1-126-390-11	ELECT CHIP	22uF	20%	6.3V
C5009	1-100-907-11	CERAMIC CHIP	0.1uF	10%	10V
C5010	1-100-905-11	CERAMIC CHIP	0.001uF	10%	50V
C5011	1-100-905-11	CERAMIC CHIP	0.001uF	10%	50V
C5012	1-100-905-11	CERAMIC CHIP	0.001uF	10%	50V
C5013	1-100-907-11	CERAMIC CHIP	0.1uF	10%	10V
C5014	1-100-905-11	CERAMIC CHIP	0.001uF	10%	50V
C5015	1-100-905-11	CERAMIC CHIP	0.001uF	10%	50V
C5016	1-100-907-11	CERAMIC CHIP	0.1uF	10%	10V
C5017	1-100-907-11	CERAMIC CHIP	0.1uF	10%	10V
C5018	1-100-905-11	CERAMIC CHIP	0.001uF	10%	50V
C5019	1-100-907-11	CERAMIC CHIP	0.1uF	10%	10V
C5020	1-100-907-11	CERAMIC CHIP	0.1uF	10%	10V
C5021	1-100-905-11	CERAMIC CHIP	0.001uF	10%	50V
C5022	1-100-907-11	CERAMIC CHIP	0.1uF	10%	10V
C5023	1-100-905-11	CERAMIC CHIP	0.001uF	10%	50V
C5024	1-100-907-11	CERAMIC CHIP	0.1uF	10%	10V
C5025	1-100-907-11	CERAMIC CHIP	0.1uF	10%	10V
C5026	1-100-907-11	CERAMIC CHIP	0.1uF	10%	10V
C5027	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5028	1-100-907-11	CERAMIC CHIP	0.1uF	10%	10V
C5029	1-100-907-11	CERAMIC CHIP	0.1uF	10%	10V
C5030	1-100-907-11	CERAMIC CHIP	0.1uF	10%	10V
C5031	1-100-907-11	CERAMIC CHIP	0.1uF	10%	10V
C5032	1-100-905-11	CERAMIC CHIP	0.001uF	10%	50V
C5033	1-100-905-11	CERAMIC CHIP	0.001uF	10%	50V
C5034	1-100-905-11	CERAMIC CHIP	0.001uF	10%	50V
C5035	1-100-905-11	CERAMIC CHIP	0.001uF	10%	50V
C5036	1-100-905-11	CERAMIC CHIP	0.001uF	10%	50V
C5037	1-100-907-11	CERAMIC CHIP	0.1uF	10%	10V
C5038	1-100-905-11	CERAMIC CHIP	0.001uF	10%	50V
C5039	1-100-907-11	CERAMIC CHIP	0.1uF	10%	10V
C5040	1-100-907-11	CERAMIC CHIP	0.1uF	10%	10V
C5041	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5042	1-126-390-11	ELECT CHIP	22uF	20%	6.3V
C5043	1-112-046-11	CERAMIC CHIP	4.7uF	10%	6.3V
C5046	1-126-390-11	ELECT CHIP	22uF	20%	6.3V
C5047	1-100-907-11	CERAMIC CHIP	0.1uF	10%	10V
C5100	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5101	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C5102	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5103	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5104	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C5105	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5106	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5107	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C5108	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5109	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5110	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5111	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C5112	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5113	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5114	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5115	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C5116	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C5117	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5118	1-164-874-11	CERAMIC CHIP	100PF	5%	50V

REF. NO.	PART NO.	DESCRIPTION			REMARK
C5119	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5120	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5121	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C5122	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C5123	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5124	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5125	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C5126	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C5127	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C5128	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5129	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C5130	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5131	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5132	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C5133	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C5134	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5135	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5136	1-100-421-21	ELECT CHIP	220uF	20%	6.3V
C5137	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C5138	1-100-909-11	CERAMIC CHIP	10uF	10%	6.3V
C5139	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5140	1-100-909-11	CERAMIC CHIP	10uF	10%	6.3V
C5141	1-100-909-11	CERAMIC CHIP	10uF	10%	6.3V
C5142	1-126-391-11	ELECT CHIP	47uF	20%	6.3V
C5143	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5144	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C5145	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C5146	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C5147	1-100-909-11	CERAMIC CHIP	10uF	10%	6.3V
C5148	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C5149	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C5150	1-100-909-11	CERAMIC CHIP	10uF	10%	6.3V
C5151	1-100-909-11	CERAMIC CHIP	10uF	10%	6.3V
C5152	1-126-391-11	ELECT CHIP	47uF	20%	6.3V
C5153	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C5154	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5155	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5156	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5157	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5158	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5159	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5160	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5161	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5162	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C5163	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C5164	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5165	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C5166	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5167	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5168	1-126-391-11	ELECT CHIP	47uF	20%	6.3V
C5170	1-112-064-11	CERAMIC CHIP	2.2uF	10%	10V
C5171	1-126-391-11	ELECT CHIP	47uF	20%	6.3V
C5172	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C5173	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5174	1-100-909-11	CERAMIC CHIP	10uF	10%	6.3V
C5175	1-100-907-11	CERAMIC CHIP	0.1uF	10%	10V
C5176	1-100-909-11	CERAMIC CHIP	10uF	10%	6.3V
C5177	1-100-909-11	CERAMIC CHIP	10uF	10%	6.3V
C5178	1-100-909-11	CERAMIC CHIP	10uF	10%	6.3V
C5179	1-164-847-11	CERAMIC CHIP	7PF	0.5PF	50V
C5180	1-164-847-11	CERAMIC CHIP	7PF	0.5PF	50V
C5181	1-126-391-11	ELECT CHIP	47uF	20%	6.3V
C5182	1-100-907-11	CERAMIC CHIP	0.1uF	10%	10V

REF. NO.	PART NO.	DESCRIPTION			REMARK
C5183	1-126-394-11	ELECT CHIP	10uF	20%	16V
C5184	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5185	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5186	1-100-907-11	CERAMIC CHIP	0.1uF	10%	10V
C5187	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5188	1-100-907-11	CERAMIC CHIP	0.1uF	10%	10V
C5189	1-100-907-11	CERAMIC CHIP	0.1uF	10%	10V
C5190	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5191	1-100-907-11	CERAMIC CHIP	0.1uF	10%	10V
C5192	1-100-909-11	CERAMIC CHIP	10uF	10%	6.3V
C5193	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5194	1-100-907-11	CERAMIC CHIP	0.1uF	10%	10V
C5195	1-100-907-11	CERAMIC CHIP	0.1uF	10%	10V
C5196	1-100-907-11	CERAMIC CHIP	0.1uF	10%	10V
C5197	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5198	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5199	1-100-907-11	CERAMIC CHIP	0.1uF	10%	10V
C5203	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5207	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C5208	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C5209	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C5210	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C5211	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C5212	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5213	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5214	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5215	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C5216	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C5217	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5218	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5219	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5220	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5300	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5301	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5302	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5303	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5304	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5305	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5306	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5307	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5311	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5312	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5314	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5315	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5316	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5317	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5318	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5319	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5320	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5321	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5322	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5324	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5325	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5326	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5327	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5328	1-100-907-11	CERAMIC CHIP	0.1uF	10%	10V
C5329	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5330	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5331	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5332	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5333	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5334	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5335	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V

REF. NO.	PART NO.	DESCRIPTION			REMARK
C5336	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5337	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5338	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5339	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5340	1-126-390-11	ELECT CHIP	22uF	20%	6.3V
C5341	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5342	1-100-909-11	CERAMIC CHIP	10uF	10%	6.3V
C5343	1-100-909-11	CERAMIC CHIP	10uF	10%	6.3V
C5344	1-100-909-11	CERAMIC CHIP	10uF	10%	6.3V
C5345	1-100-909-11	CERAMIC CHIP	10uF	10%	6.3V
C5346	1-126-412-11	ELECT CHIP	220uF	20%	4V
C5347	1-100-909-11	CERAMIC CHIP	10uF	10%	6.3V
C5348	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5349	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5350	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5351	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5352	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5353	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5354	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5355	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5356	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5357	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5358	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5359	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5360	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5361	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5362	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5363	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5368	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5369	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5370	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5371	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5372	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5373	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5375	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5376	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5377	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5378	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5379	1-100-907-11	CERAMIC CHIP	0.1uF	10%	10V
C5380	1-100-907-11	CERAMIC CHIP	0.1uF	10%	10V
C5381	1-100-907-11	CERAMIC CHIP	0.1uF	10%	10V
C5390	1-100-909-11	CERAMIC CHIP	10uF	10%	6.3V
C5391	1-100-909-11	CERAMIC CHIP	10uF	10%	6.3V
C5392	1-100-909-11	CERAMIC CHIP	10uF	10%	6.3V
C5393	1-100-909-11	CERAMIC CHIP	10uF	10%	6.3V
C5394	1-100-909-11	CERAMIC CHIP	10uF	10%	6.3V
C5395	1-100-909-11	CERAMIC CHIP	10uF	10%	6.3V
C5396	1-100-907-11	CERAMIC CHIP	0.1uF	10%	10V
C5400	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5401	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5402	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5403	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5404	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5406	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5407	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5900	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C5901	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C5902	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5903	1-100-907-11	CERAMIC CHIP	0.1uF	10%	10V
C5904	1-100-909-11	CERAMIC CHIP	10uF	10%	6.3V
C5905	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5906	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5907	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5908	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5909	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5910	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5911	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5912	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5913	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5914	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C5915	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5916	1-100-907-11	CERAMIC CHIP	0.1uF	10%	10V
C5917	1-100-909-11	CERAMIC CHIP	10uF	10%	6.3V
C5918	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5919	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5920	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5921	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5922	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5923	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C5924	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C5925	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C5926	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C5927	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C5928	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C5929	1-100-909-11	CERAMIC CHIP	10uF	10%	6.3V
C5930	1-100-907-11	CERAMIC CHIP	0.1uF	10%	10V
C5931	1-100-906-11	CERAMIC CHIP	0.01uF	10%	16V
C5932	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C5933	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C5934	1-100-907-11	CERAMIC CHIP	0.1uF	10%	10V

< CONNECTOR >

CN4500	1-820-378-11	HDMI CONNECTOR
CN4501	1-820-378-11	HDMI CONNECTOR
CN5900	1-819-614-11	HEADER ASSEMBLY FOR PWB 41P

< DIODE >

D4301	8-719-069-29	DIODE	RB520S-30TE61
D4304	8-719-078-04	DIODE	EC31QS03L-TE12L
D4305	8-719-078-04	DIODE	EC31QS03L-TE12L
D4308	6-500-294-01	DIODE	PTZ-TE25-3.9B
D4309	6-500-294-01	DIODE	PTZ-TE25-3.9B
D4311	8-719-069-29	DIODE	RB520S-30TE61
D4312	8-719-082-02	DIODE	MM3Z3V9T1
D4506	8-719-081-97	DIODE	MMDL914T1
D4507	8-719-081-97	DIODE	MMDL914T1
D4510	8-719-977-28	DIODE	DTZ10B
D4513	8-719-977-28	DIODE	DTZ10B
D4520	8-719-081-97	DIODE	MMDL914T1
D4521	8-719-081-97	DIODE	MMDL914T1
D4522	8-719-050-38	DIODE	M1MA152WK-T1
D4523	8-719-050-38	DIODE	M1MA152WK-T1
D5100	8-719-045-61	DIODE	SEC1901C

< FUSE >

F4000	1-576-603-21	FUSE 3.15A 24V
F4301	1-576-603-21	FUSE 3.15A 24V
F4304	1-576-603-21	FUSE 3.15A 24V
F4305	1-576-596-21	FUSE 1A 32V
F4306	1-576-416-21	FUSE 2A 36V

< FERRITE BEAD >

FB4000	1-400-580-21	FERRITE, EMI (SMD)
FB4001	1-400-580-21	FERRITE, EMI (SMD)

REF. NO.	PART NO.	DESCRIPTION	REMARK
FB4003	1-400-382-11	EMI FERRITE (SMD) (1608)	
FB4005	1-400-580-21	FERRITE, EMI (SMD)	
FB4006	1-400-580-21	FERRITE, EMI (SMD)	
FB4007	1-400-382-11	EMI FERRITE (SMD) (1608)	
FB4008	1-469-083-21	INDUCTOR, FERRITE BEAD (1005)	
FB4009	1-469-083-21	INDUCTOR, FERRITE BEAD (1005)	
FB4010	1-469-083-21	INDUCTOR, FERRITE BEAD (1005)	
FB4011	1-469-083-21	INDUCTOR, FERRITE BEAD (1005)	
FB4012	1-469-083-21	INDUCTOR, FERRITE BEAD (1005)	
FB4015	1-469-083-21	INDUCTOR, FERRITE BEAD (1005)	
FB4017	1-469-083-21	INDUCTOR, FERRITE BEAD (1005)	
FB4019	1-469-083-21	INDUCTOR, FERRITE BEAD (1005)	
FB4020	1-469-083-21	INDUCTOR, FERRITE BEAD (1005)	
FB4021	1-469-083-21	INDUCTOR, FERRITE BEAD (1005)	
FB4202	1-469-083-21	INDUCTOR, FERRITE BEAD (1005)	
FB4302	1-414-554-21	FERRITE, EMI (SMD) (1608)	
FB4303	1-414-554-21	FERRITE, EMI (SMD) (1608)	
FB4304	1-400-580-21	FERRITE, EMI (SMD)	
FB4308	1-400-580-21	FERRITE, EMI (SMD)	
FB4313	1-400-580-21	FERRITE, EMI (SMD)	
FB4500	1-414-554-21	FERRITE, EMI (SMD) (1608)	
FB4501	1-400-382-11	EMI FERRITE (SMD) (1608)	
FB4502	1-400-499-21	FERRITE, EMI (SMD)	
FB4503	1-400-382-11	EMI FERRITE (SMD) (1608)	
FB4504	1-400-382-11	EMI FERRITE (SMD) (1608)	
FB4505	1-400-382-11	EMI FERRITE (SMD) (1608)	
FB4506	1-400-499-21	FERRITE, EMI (SMD)	
FB4507	1-400-382-11	EMI FERRITE (SMD) (1608)	
FB4508	1-400-382-11	EMI FERRITE (SMD) (1608)	
FB4800	1-400-382-11	EMI FERRITE (SMD) (1608)	
FB4801	1-400-382-11	EMI FERRITE (SMD) (1608)	
FB4802	1-400-382-11	EMI FERRITE (SMD) (1608)	
FB4803	1-400-382-11	EMI FERRITE (SMD) (1608)	
FB4804	1-414-445-11	BEAD, FERRITE (CHIP) (1608)	
FB5000	1-414-445-11	BEAD, FERRITE (CHIP) (1608)	
FB5001	1-400-382-11	EMI FERRITE (SMD) (1608)	
FB5100	1-400-580-21	FERRITE, EMI (SMD)	
FB5101	1-400-580-21	FERRITE, EMI (SMD)	
FB5102	1-400-580-21	FERRITE, EMI (SMD)	
FB5103	1-400-580-21	FERRITE, EMI (SMD)	
FB5104	1-400-580-21	FERRITE, EMI (SMD)	
FB5105	1-400-580-21	FERRITE, EMI (SMD)	
FB5106	1-400-580-21	FERRITE, EMI (SMD)	
FB5107	1-414-445-11	BEAD, FERRITE (CHIP) (1608)	
FB5300	1-400-580-21	FERRITE, EMI (SMD)	
FB5301	1-400-580-21	FERRITE, EMI (SMD)	
FB5302	1-400-580-21	FERRITE, EMI (SMD)	
FB5305	1-400-382-11	EMI FERRITE (SMD) (1608)	
FB5306	1-400-382-11	EMI FERRITE (SMD) (1608)	
FB5308	1-400-382-11	EMI FERRITE (SMD) (1608)	
FB5400	1-414-445-11	BEAD, FERRITE (CHIP) (1608)	
FB5401	1-414-445-11	BEAD, FERRITE (CHIP) (1608)	
FB5402	1-414-445-11	BEAD, FERRITE (CHIP) (1608)	
FB5403	1-414-445-11	BEAD, FERRITE (CHIP) (1608)	
FB5404	1-414-445-11	BEAD, FERRITE (CHIP) (1608)	
		< FILTER >	
FL4801	1-813-815-21	LOWPASS FILTER	
		< IC >	
IC4000	6-708-758-01	IC PCA9517DP.118	
IC4301	6-706-884-01	IC BD9851EFV-E2	
IC4305	6-708-603-01	IC PQ070XNA1ZPH	
IC4306	6-705-292-01	IC PQ018EH02ZPH	
IC4500	6-704-600-01	IC M24C02-WMN6T (B)	
IC4501	6-704-600-01	IC M24C02-WMN6T (B)	
IC4502	6-708-758-01	IC PCA9517DP.118	
IC4503	6-708-758-01	IC PCA9517DP.118	
IC4504	8-759-596-34	IC SN74LV4053APWR	
IC4505	8-753-255-97	IC CXB1441R-T4	
IC4506	6-708-703-01	IC SII9011CTU	
IC4800	8-753-270-44	IC CXD3814GB-TL	
IC4802	6-706-794-01	IC MT48LC4M16A2P-75:G-TR	
IC4803	6-705-529-01	IC LMH6658MMX/J5000172	
IC4807	8-759-549-01	IC SN74LV125APWR	
IC5000	8-753-250-46	IC CXD2097BQ-1	
IC5001	6-707-786-01	IC IS42S16100C1-7TL-TR	
IC5003	6-709-646-01	IC TLC2933AIPWR	
IC5100	6-704-353-01	IC SN74LVC2G34DCKR	
IC5101	6-703-175-01	IC PST3629UL	
IC5102	6-708-754-01	IC CY22392ZXC-380T	
IC5103	6-705-019-01	IC PST3620UL	
IC5104	6-703-589-01	IC SN74LVC1G125DCKR	
IC5105	6-703-589-01	IC SN74LVC1G125DCKR	
IC5107	8-753-260-29	IC CXD4713GB	
IC5300	6-707-822-01	IC EM6A9320BI-5MG	
IC5301	6-807-015-01	IC S29JL032H70TFI010-SP3-BE200	
IC5302	6-707-822-01	IC EM6A9320BI-5MG	
IC5304	6-707-373-01	IC TPS51100DGQR	
IC5400	6-709-601-01	IC SN74ALVCH16374DGGR	
IC5401	6-709-601-01	IC SN74ALVCH16374DGGR	
IC5402	8-759-829-30	IC CY2305SXC-1HT	
IC5403	6-709-600-01	IC SN74LVC2G79DCUR	
IC5404	8-759-549-01	IC SN74LV125APWR	
IC5900	6-708-704-01	IC THC63LVD1023	
		< JACK >	
J4500	1-819-327-11	PHONO JACK 2P	
		< COIL >	
L4302	1-424-918-21	INDUCTOR 10uH	
L4303	1-457-247-21	INDUCTOR 4.7uH	
L4307	1-400-180-21	INDUCTOR, EMI FERRITE (1608)	
L4308	1-400-180-21	INDUCTOR, EMI FERRITE (1608)	
L4309	1-400-180-21	INDUCTOR, EMI FERRITE (1608)	
L4310	1-400-180-21	INDUCTOR, EMI FERRITE (1608)	
L4311	1-400-180-21	INDUCTOR, EMI FERRITE (1608)	
L4312	1-400-180-21	INDUCTOR, EMI FERRITE (1608)	
L4800	1-469-549-21	INDUCTOR 1uH	
L4801	1-469-549-21	INDUCTOR 1uH	
L4802	1-469-549-21	INDUCTOR 1uH	
L4803	1-469-549-21	INDUCTOR 1uH	
L4805	1-469-555-21	INDUCTOR 10uH	
L4806	1-469-555-21	INDUCTOR 10uH	
L4808	1-469-555-21	INDUCTOR 10uH	
L5000	1-469-555-21	INDUCTOR 10uH	
L5001	1-469-555-21	INDUCTOR 10uH	
L5100	1-469-553-21	INDUCTOR 4.7uH	
L5101	1-469-555-21	INDUCTOR 10uH	
L5900	1-469-555-21	INDUCTOR 10uH	
L5901	1-469-555-21	INDUCTOR 10uH	
L5902	1-456-583-11	COMMON MODE CHOKE COIL	
L5903	1-469-555-21	INDUCTOR 10uH	
L5904	1-456-583-11	COMMON MODE CHOKE COIL	
L5905	1-456-583-11	COMMON MODE CHOKE COIL	
L5906	1-456-583-11	COMMON MODE CHOKE COIL	

REF. NO.	PART NO.	DESCRIPTION			REMARK
L5907	1-456-583-11	COMMON MODE CHOKE COIL			
L5908	1-456-583-11	COMMON MODE CHOKE COIL			
L5909	1-456-583-11	COMMON MODE CHOKE COIL			
L5910	1-456-583-11	COMMON MODE CHOKE COIL			
L5911	1-456-583-11	COMMON MODE CHOKE COIL			
L5912	1-456-583-11	COMMON MODE CHOKE COIL			
L5913	1-456-583-11	COMMON MODE CHOKE COIL			
L5914	1-456-583-11	COMMON MODE CHOKE COIL			
		< TRANSISTOR >			
Q4301	6-551-382-01	TRANSISTOR RSS040P03FD5TB			
Q4302	6-551-382-01	TRANSISTOR RSS040P03FD5TB			
Q4304	6-550-586-01	TRANSISTOR 2PA1576R-115			
Q4305	6-550-585-01	TRANSISTOR 2PC4081R-115			
Q4500	8-729-028-99	TRANSISTOR DTC114YUA-T106			
Q4501	8-729-028-99	TRANSISTOR DTC114YUA-T106			
Q4502	8-729-028-28	TRANSISTOR 2SK2036 (TE85L)			
Q4503	8-729-028-28	TRANSISTOR 2SK2036 (TE85L)			
Q4504	8-729-028-99	TRANSISTOR DTC114YUA-T106			
Q4505	8-729-028-99	TRANSISTOR DTC114YUA-T106			
Q4506	8-729-028-96	TRANSISTOR DTC114EUA-T106			
Q4507	8-729-028-96	TRANSISTOR DTC114EUA-T106			
Q4508	8-729-028-99	TRANSISTOR DTC114YUA-T106			
Q4509	8-729-028-99	TRANSISTOR DTC114YUA-T106			
Q4510	8-729-028-96	TRANSISTOR DTC114EUA-T106			
Q4511	8-729-028-99	TRANSISTOR DTC114YUA-T106			
Q4512	8-729-028-96	TRANSISTOR DTC114EUA-T106			
Q4800	8-729-159-65	TRANSISTOR 2SD596-DV5			
Q4801	8-729-162-45	TRANSISTOR 2SB624-BV5			
Q4802	6-550-586-01	TRANSISTOR 2PA1576R-115			
Q4804	6-550-585-01	TRANSISTOR 2PC4081R-115			
Q4805	6-550-586-01	TRANSISTOR 2PA1576R-115			
Q4810	6-550-585-01	TRANSISTOR 2PC4081R-115			
Q4811	6-550-586-01	TRANSISTOR 2PA1576R-115			
Q4812	6-550-586-01	TRANSISTOR 2PA1576R-115			
Q4817	6-550-585-01	TRANSISTOR 2PC4081R-115			
Q4818	6-550-586-01	TRANSISTOR 2PA1576R-115			
Q4819	8-729-028-96	TRANSISTOR DTC114EUA-T106			
Q5100	8-729-028-96	TRANSISTOR DTC114EUA-T106			
Q5400	8-729-028-96	TRANSISTOR DTC114EUA-T106			
		< RESISTOR >			
R4000	1-218-933-11	RES-CHIP	22	5%	1/16W
R4001	1-218-933-11	RES-CHIP	22	5%	1/16W
R4002	1-218-955-11	RES-CHIP	1.5K	5%	1/16W
R4003	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R4004	1-218-973-11	RES-CHIP	47K	5%	1/16W
R4005	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R4006	1-218-990-81	SHORT CHIP	0		
R4007	1-218-990-81	SHORT CHIP	0		
R4008	1-218-990-81	SHORT CHIP	0		
R4009	1-218-990-81	SHORT CHIP	0		
R4010	1-218-990-81	SHORT CHIP	0		
R4011	1-218-990-81	SHORT CHIP	0		
R4012	1-218-990-81	SHORT CHIP	0		
R4014	1-218-990-81	SHORT CHIP	0		
R4016	1-218-990-81	SHORT CHIP	0		
R4018	1-218-990-81	SHORT CHIP	0		
R4020	1-218-990-81	SHORT CHIP	0		
R4022	1-218-990-81	SHORT CHIP	0		
R4023	1-218-990-81	SHORT CHIP	0		
R4024	1-218-990-81	SHORT CHIP	0		
R4026	1-218-990-81	SHORT CHIP	0		
R4027	1-218-990-81	SHORT CHIP	0		

REF. NO.	PART NO.	DESCRIPTION			REMARK
R4028	1-218-990-81	SHORT CHIP	0		
R4029	1-218-990-81	SHORT CHIP	0		
R4030	1-218-990-81	SHORT CHIP	0		
R4031	1-218-990-81	SHORT CHIP	0		
R4032	1-218-990-81	SHORT CHIP	0		
R4033	1-218-990-81	SHORT CHIP	0		
R4034	1-218-990-81	SHORT CHIP	0		
R4035	1-218-990-81	SHORT CHIP	0		
R4036	1-218-990-81	SHORT CHIP	0		
R4037	1-218-990-81	SHORT CHIP	0		
R4038	1-218-990-81	SHORT CHIP	0		
R4039	1-218-990-81	SHORT CHIP	0		
R4040	1-218-990-81	SHORT CHIP	0		
R4041	1-218-990-81	SHORT CHIP	0		
R4042	1-218-990-81	SHORT CHIP	0		
R4043	1-218-990-81	SHORT CHIP	0		
R4044	1-218-990-81	SHORT CHIP	0		
R4045	1-218-990-81	SHORT CHIP	0		
R4046	1-218-990-81	SHORT CHIP	0		
R4047	1-218-990-81	SHORT CHIP	0		
R4049	1-218-990-81	SHORT CHIP	0		
R4050	1-218-990-81	SHORT CHIP	0		
R4051	1-218-990-81	SHORT CHIP	0		
R4052	1-218-990-81	SHORT CHIP	0		
R4053	1-218-990-81	SHORT CHIP	0		
R4054	1-218-990-81	SHORT CHIP	0		
R4055	1-218-990-81	SHORT CHIP	0		
R4057	1-218-990-81	SHORT CHIP	0		
R4058	1-218-990-81	SHORT CHIP	0		
R4059	1-218-990-81	SHORT CHIP	0		
R4060	1-218-990-81	SHORT CHIP	0		
R4064	1-218-990-81	SHORT CHIP	0		
R4065	1-218-990-81	SHORT CHIP	0		
R4066	1-218-990-81	SHORT CHIP	0		
R4067	1-218-990-81	SHORT CHIP	0		
R4068	1-218-990-81	SHORT CHIP	0		
R4075	1-218-990-81	SHORT CHIP	0		
R4095	1-218-990-81	SHORT CHIP	0		
R4100	1-218-933-11	RES-CHIP	22	5%	1/16W
R4101	1-218-933-11	RES-CHIP	22	5%	1/16W
R4102	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R4103	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R4205	1-218-990-81	SHORT CHIP	0		
R4206	1-218-990-81	SHORT CHIP	0		
R4207	1-218-990-81	SHORT CHIP	0		
R4208	1-218-990-81	SHORT CHIP	0		
R4209	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4210	1-218-990-81	SHORT CHIP	0		
R4216	1-218-933-11	RES-CHIP	22	5%	1/16W
R4222	1-218-990-81	SHORT CHIP	0		
R4223	1-218-990-81	SHORT CHIP	0		
R4224	1-218-990-81	SHORT CHIP	0		
R4225	1-218-990-81	SHORT CHIP	0		
R4226	1-218-990-81	SHORT CHIP	0		
R4230	1-218-990-81	SHORT CHIP	0		
R4231	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4232	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4240	1-218-990-81	SHORT CHIP	0		
R4241	1-218-990-81	SHORT CHIP	0		
R4308	1-218-985-11	RES-CHIP	470K	5%	1/16W
R4311	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R4322	1-218-963-11	RES-CHIP	6.8K	5%	1/16W
R4327	1-218-958-11	RES-CHIP	2.7K	5%	1/16W

REF. NO.	PART NO.	DESCRIPTION			REMARK
R4328	1-208-931-11	METAL CHIP	68K	0.50%	1/16W
R4329	1-208-927-11	METAL CHIP	47K	0.50%	1/16W
R4334	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R4335	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R4337	1-208-905-11	METAL CHIP	5.6K	0.50%	1/16W
R4343	1-208-699-11	METAL CHIP	4.7K	0.50%	1/16W
R4344	1-208-909-11	METAL CHIP	8.2K	0.50%	1/16W
R4345	1-208-927-11	METAL CHIP	47K	0.50%	1/16W
R4347	1-218-949-11	RES-CHIP	470	5%	1/16W
R4350	1-218-985-11	RES-CHIP	470K	5%	1/16W
R4353	1-218-947-11	RES-CHIP	330	5%	1/16W
R4354	1-218-990-81	SHORT CHIP	0		
R4355	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4356	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4357	1-218-973-11	RES-CHIP	47K	5%	1/16W
R4358	1-218-953-11	RES-CHIP	1K	5%	1/16W
R4359	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4396	1-208-675-11	METAL CHIP	470	0.50%	1/16W
R4397	1-218-990-81	SHORT CHIP	0		
R4398	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R4503	1-218-929-11	RES-CHIP	10	5%	1/16W
R4504	1-218-929-11	RES-CHIP	10	5%	1/16W
R4505	1-218-947-11	RES-CHIP	330	5%	1/16W
R4506	1-218-947-11	RES-CHIP	330	5%	1/16W
R4507	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R4508	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R4509	1-218-985-11	RES-CHIP	470K	5%	1/16W
R4510	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R4511	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R4512	1-218-985-11	RES-CHIP	470K	5%	1/16W
R4513	1-218-941-81	RES-CHIP	100	5%	1/16W
R4514	1-218-941-81	RES-CHIP	100	5%	1/16W
R4515	1-218-941-81	RES-CHIP	100	5%	1/16W
R4516	1-218-941-81	RES-CHIP	100	5%	1/16W
R4517	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R4518	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R4519	1-218-973-11	RES-CHIP	47K	5%	1/16W
R4520	1-218-973-11	RES-CHIP	47K	5%	1/16W
R4521	1-218-973-11	RES-CHIP	47K	5%	1/16W
R4522	1-218-973-11	RES-CHIP	47K	5%	1/16W
R4523	1-218-973-11	RES-CHIP	47K	5%	1/16W
R4524	1-218-973-11	RES-CHIP	47K	5%	1/16W
R4525	1-218-941-81	RES-CHIP	100	5%	1/16W
R4526	1-218-990-81	SHORT CHIP	0		
R4527	1-218-990-81	SHORT CHIP	0		
R4528	1-218-941-81	RES-CHIP	100	5%	1/16W
R4529	1-218-990-81	SHORT CHIP	0		
R4530	1-218-990-81	SHORT CHIP	0		
R4533	1-218-990-81	SHORT CHIP	0		
R4534	1-218-990-81	SHORT CHIP	0		
R4535	1-218-990-81	SHORT CHIP	0		
R4544	1-218-990-81	SHORT CHIP	0		
R4545	1-218-990-81	SHORT CHIP	0		
R4554	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R4555	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R4557	1-218-990-81	SHORT CHIP	0		
R4559	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R4560	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R4561	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4562	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4563	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4572	1-218-951-11	RES-CHIP	680	5%	1/16W
R4573	1-218-951-11	RES-CHIP	680	5%	1/16W
R4574	1-208-699-11	METAL CHIP	4.7K	0.50%	1/16W
R4575	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4576	1-218-951-11	RES-CHIP	680	5%	1/16W
R4577	1-218-990-81	SHORT CHIP	0		
R4578	1-218-990-81	SHORT CHIP	0		
R4580	1-218-990-81	SHORT CHIP	0		
R4581	1-218-990-81	SHORT CHIP	0		
R4582	1-218-937-11	RES-CHIP	47	5%	1/16W
R4583	1-218-937-11	RES-CHIP	47	5%	1/16W
R4584	1-218-937-11	RES-CHIP	47	5%	1/16W
R4585	1-218-937-11	RES-CHIP	47	5%	1/16W
R4586	1-218-937-11	RES-CHIP	47	5%	1/16W
R4587	1-218-937-11	RES-CHIP	47	5%	1/16W
R4588	1-218-937-11	RES-CHIP	47	5%	1/16W
R4589	1-218-937-11	RES-CHIP	47	5%	1/16W
R4598	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R4599	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R4600	1-216-864-11	SHORT CHIP	0		
R4601	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4602	1-218-937-11	RES-CHIP	47	5%	1/16W
R4603	1-218-937-11	RES-CHIP	47	5%	1/16W
R4605	1-216-864-11	SHORT CHIP	0		
R4609	1-218-990-81	SHORT CHIP	0		
R4610	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R4611	1-218-933-11	RES-CHIP	22	5%	1/16W
R4612	1-218-937-11	RES-CHIP	47	5%	1/16W
R4613	1-218-937-11	RES-CHIP	47	5%	1/16W
R4614	1-218-937-11	RES-CHIP	47	5%	1/16W
R4615	1-218-937-11	RES-CHIP	47	5%	1/16W
R4616	1-218-937-11	RES-CHIP	47	5%	1/16W
R4617	1-218-937-11	RES-CHIP	47	5%	1/16W
R4618	1-218-937-11	RES-CHIP	47	5%	1/16W
R4619	1-218-937-11	RES-CHIP	47	5%	1/16W
R4621	1-218-933-11	RES-CHIP	22	5%	1/16W
R4622	1-218-929-11	RES-CHIP	10	5%	1/16W
R4623	1-216-864-11	SHORT CHIP	0		
R4625	1-216-295-91	SHORT CHIP	0		
R4800	1-216-864-11	SHORT CHIP	0		
R4802	1-218-937-11	RES-CHIP	47	5%	1/16W
R4803	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4811	1-218-929-11	RES-CHIP	10	5%	1/16W
R4812	1-218-929-11	RES-CHIP	10	5%	1/16W
R4813	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4814	1-218-933-11	RES-CHIP	22	5%	1/16W
R4815	1-218-958-11	RES-CHIP	2.7K	5%	1/16W
R4819	1-218-929-11	RES-CHIP	10	5%	1/16W
R4820	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4821	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4823	1-218-990-81	SHORT CHIP	0		
R4824	1-218-990-81	SHORT CHIP	0		
R4825	1-218-990-81	SHORT CHIP	0		
R4826	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4827	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4829	1-218-990-81	SHORT CHIP	0		
R4831	1-220-884-81	METAL CHIP	39	0.50%	1/16W
R4833	1-208-675-11	METAL CHIP	470	0.50%	1/16W
R4835	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W
R4836	1-208-893-11	METAL CHIP	1.8K	0.50%	1/16W
R4837	1-218-849-11	METAL CHIP	1.2K	0.50%	1/10W
R4844	1-218-990-81	SHORT CHIP	0		
R4845	1-218-937-11	RES-CHIP	47	5%	1/16W
R4846	1-218-945-11	RES-CHIP	220	5%	1/16W
R4847	1-208-699-11	METAL CHIP	4.7K	0.50%	1/16W
R4848	1-208-699-11	METAL CHIP	4.7K	0.50%	1/16W

REF. NO.	PART NO.	DESCRIPTION			REMARK
R4849	1-218-943-11	RES-CHIP	150	5%	1/16W
R4851	1-218-951-11	RES-CHIP	680	5%	1/16W
R4852	1-218-941-11	RES-CHIP	100	5%	1/16W
R4854	1-218-941-11	RES-CHIP	100	5%	1/16W
R4855	1-218-937-11	RES-CHIP	47	5%	1/16W
R4856	1-218-937-11	RES-CHIP	47	5%	1/16W
R4857	1-218-990-81	SHORT CHIP	0		
R4858	1-208-643-11	METAL CHIP	22	0.50%	1/16W
R4859	1-218-990-81	SHORT CHIP	0		
R4860	1-208-643-11	METAL CHIP	22	0.50%	1/16W
R4861	1-218-990-81	SHORT CHIP	0		
R4862	1-218-941-11	RES-CHIP	100	5%	1/16W
R4863	1-218-941-11	RES-CHIP	100	5%	1/16W
R4864	1-208-643-11	METAL CHIP	22	0.50%	1/16W
R4865	1-218-945-11	RES-CHIP	220	5%	1/16W
R4866	1-218-990-81	SHORT CHIP	0		
R4867	1-208-663-11	METAL CHIP	150	0.50%	1/16W
R4868	1-208-635-11	METAL CHIP	10	0.50%	1/16W
R4869	1-218-945-11	RES-CHIP	220	5%	1/16W
R4870	1-218-953-11	RES-CHIP	1K	5%	1/16W
R4874	1-218-945-11	RES-CHIP	220	5%	1/16W
R4875	1-218-990-81	SHORT CHIP	0		
R4876	1-208-663-11	METAL CHIP	150	0.50%	1/16W
R4877	1-208-635-11	METAL CHIP	10	0.50%	1/16W
R4878	1-218-945-11	RES-CHIP	220	5%	1/16W
R4879	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R4880	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R4881	1-218-941-11	RES-CHIP	100	5%	1/16W
R4882	1-218-941-81	RES-CHIP	100	5%	1/16W
R4883	1-218-941-81	RES-CHIP	100	5%	1/16W
R4884	1-218-941-81	RES-CHIP	100	5%	1/16W
R4885	1-218-941-81	RES-CHIP	100	5%	1/16W
R4886	1-218-941-81	RES-CHIP	100	5%	1/16W
R4887	1-218-941-81	RES-CHIP	100	5%	1/16W
R4888	1-218-941-81	RES-CHIP	100	5%	1/16W
R4889	1-218-941-81	RES-CHIP	100	5%	1/16W
R4890	1-218-855-11	METAL CHIP	2.2K	0.50%	1/10W
R4891	1-218-855-11	METAL CHIP	2.2K	0.50%	1/10W
R4892	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4893	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4894	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W
R4895	1-218-990-81	SHORT CHIP	0		
R4898	1-208-885-11	METAL CHIP	820	0.50%	1/16W
R4902	1-218-990-81	SHORT CHIP	0		
R4903	1-218-935-11	RES-CHIP	33	5%	1/16W
R4907	1-218-941-81	RES-CHIP	100	5%	1/16W
R4908	1-218-941-81	RES-CHIP	100	5%	1/16W
R4909	1-218-941-81	RES-CHIP	100	5%	1/16W
R4912	1-218-990-81	SHORT CHIP	0		
R4914	1-218-990-81	SHORT CHIP	0		
R4915	1-218-990-81	SHORT CHIP	0		
R4921	1-218-953-11	RES-CHIP	1K	5%	1/16W
R4922	1-208-677-11	METAL CHIP	560	0.50%	1/16W
R4923	1-218-990-81	SHORT CHIP	0		
R4924	1-208-703-11	METAL CHIP	6.8K	0.50%	1/16W
R4925	1-218-929-11	RES-CHIP	10	5%	1/16W
R4927	1-218-990-81	SHORT CHIP	0		
R4928	1-218-990-81	SHORT CHIP	0		
R4929	1-218-990-81	SHORT CHIP	0		
R4932	1-218-937-11	RES-CHIP	47	5%	1/16W
R4933	1-218-990-81	SHORT CHIP	0		
R4934	1-218-990-81	SHORT CHIP	0		
R4935	1-218-965-11	RES-CHIP	10K	5%	1/16W

REF. NO.	PART NO.	DESCRIPTION			REMARK
R4937	1-218-933-11	RES-CHIP	22	5%	1/16W
R4938	1-218-933-11	RES-CHIP	22	5%	1/16W
R4939	1-218-990-81	SHORT CHIP	0		
R4940	1-218-990-81	SHORT CHIP	0		
R4942	1-218-929-11	RES-CHIP	10	5%	1/16W
R4943	1-218-941-81	RES-CHIP	100	5%	1/16W
R4944	1-218-941-81	RES-CHIP	100	5%	1/16W
R5002	1-218-937-11	RES-CHIP	47	5%	1/16W
R5003	1-218-945-11	RES-CHIP	220	5%	1/16W
R5004	1-218-933-11	RES-CHIP	22	5%	1/16W
R5005	1-218-933-11	RES-CHIP	22	5%	1/16W
R5006	1-218-941-81	RES-CHIP	100	5%	1/16W
R5007	1-218-941-81	RES-CHIP	100	5%	1/16W
R5008	1-218-933-11	RES-CHIP	22	5%	1/16W
R5009	1-218-933-11	RES-CHIP	22	5%	1/16W
R5010	1-218-990-81	SHORT CHIP	0		
R5011	1-218-933-11	RES-CHIP	22	5%	1/16W
R5012	1-218-990-81	SHORT CHIP	0		
R5013	1-218-937-11	RES-CHIP	47	5%	1/16W
R5014	1-218-937-11	RES-CHIP	47	5%	1/16W
R5015	1-218-990-81	SHORT CHIP	0		
R5016	1-218-969-11	RES-CHIP	22K	5%	1/16W
R5017	1-218-985-11	RES-CHIP	470K	5%	1/16W
R5018	1-218-933-11	RES-CHIP	22	5%	1/16W
R5019	1-218-945-11	RES-CHIP	220	5%	1/16W
R5021	1-218-945-11	RES-CHIP	220	5%	1/16W
R5022	1-218-947-11	RES-CHIP	330	5%	1/16W
R5024	1-218-990-81	SHORT CHIP	0		
R5025	1-218-990-81	SHORT CHIP	0		
R5026	1-208-893-11	METAL CHIP	1.8K	0.50%	1/16W
R5027	1-218-985-11	RES-CHIP	470K	5%	1/16W
R5032	1-216-864-11	SHORT CHIP	0		
R5033	1-216-864-11	SHORT CHIP	0		
R5034	1-216-864-11	SHORT CHIP	0		
R5035	1-216-864-11	SHORT CHIP	0		
R5036	1-218-969-11	RES-CHIP	22K	5%	1/16W
R5038	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W
R5039	1-218-990-81	SHORT CHIP	0		
R5041	1-218-990-81	SHORT CHIP	0		
R5108	1-218-969-11	RES-CHIP	22K	5%	1/16W
R5109	1-218-969-11	RES-CHIP	22K	5%	1/16W
R5110	1-218-969-11	RES-CHIP	22K	5%	1/16W
R5111	1-218-990-81	SHORT CHIP	0		
R5112	1-218-990-81	SHORT CHIP	0		
R5114	1-218-990-81	SHORT CHIP	0		
R5115	1-218-949-11	RES-CHIP	470	5%	1/16W
R5116	1-218-973-11	RES-CHIP	47K	5%	1/16W
R5119	1-218-990-81	SHORT CHIP	0		
R5120	1-216-864-11	SHORT CHIP	0		
R5122	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5123	1-218-990-81	SHORT CHIP	0		
R5124	1-218-990-81	SHORT CHIP	0		
R5126	1-218-990-81	SHORT CHIP	0		
R5127	1-208-893-11	METAL CHIP	1.8K	0.50%	1/16W
R5128	1-218-849-11	METAL CHIP	1.2K	0.50%	1/10W
R5129	1-218-935-11	RES-CHIP	33	5%	1/16W
R5130	1-208-677-11	METAL CHIP	560	0.50%	1/16W
R5132	1-218-935-11	RES-CHIP	33	5%	1/16W
R5137	1-218-990-81	SHORT CHIP	0		
R5138	1-218-990-81	SHORT CHIP	0		
R5140	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5142	1-218-941-81	RES-CHIP	100	5%	1/16W
R5143	1-218-990-81	SHORT CHIP	0		
R5144	1-218-937-11	RES-CHIP	47	5%	1/16W

REF. NO.	PART NO.	DESCRIPTION			REMARK
R5145	1-218-937-11	RES-CHIP	47	5%	1/16W
R5146	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5147	1-218-935-11	RES-CHIP	33	5%	1/16W
R5148	1-218-990-81	SHORT CHIP	0		
R5149	1-218-990-81	SHORT CHIP	0		
R5151	1-218-990-81	SHORT CHIP	0		
R5152	1-218-990-81	SHORT CHIP	0		
R5155	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5156	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5157	1-218-937-11	RES-CHIP	47	5%	1/16W
R5158	1-218-937-11	RES-CHIP	47	5%	1/16W
R5159	1-218-937-11	RES-CHIP	47	5%	1/16W
R5160	1-218-937-11	RES-CHIP	47	5%	1/16W
R5164	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5165	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5166	1-218-935-11	RES-CHIP	33	5%	1/16W
R5167	1-218-933-11	RES-CHIP	22	5%	1/16W
R5168	1-218-935-11	RES-CHIP	33	5%	1/16W
R5169	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R5170	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5171	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5172	1-218-969-11	RES-CHIP	22K	5%	1/16W
R5173	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R5174	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5178	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R5179	1-218-977-11	RES-CHIP	100K	5%	1/16W
R5180	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R5181	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5182	1-218-929-11	RES-CHIP	10	5%	1/16W
R5183	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5184	1-218-990-81	SHORT CHIP	0		
R5185	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5188	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5189	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5190	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5193	1-218-935-11	RES-CHIP	33	5%	1/16W
R5194	1-218-935-11	RES-CHIP	33	5%	1/16W
R5195	1-218-937-11	RES-CHIP	47	5%	1/16W
R5196	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5197	1-218-973-11	RES-CHIP	47K	5%	1/16W
R5201	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5202	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5203	1-218-941-81	RES-CHIP	100	5%	1/16W
R5204	1-218-990-81	SHORT CHIP	0		
R5205	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5206	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5207	1-218-945-11	RES-CHIP	220	5%	1/16W
R5208	1-218-990-81	SHORT CHIP	0		
R5209	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5212	1-218-990-81	SHORT CHIP	0		
R5213	1-218-937-11	RES-CHIP	47	5%	1/16W
R5214	1-218-937-11	RES-CHIP	47	5%	1/16W
R5215	1-218-969-11	RES-CHIP	22K	5%	1/16W
R5216	1-218-969-11	RES-CHIP	22K	5%	1/16W
R5217	1-218-969-11	RES-CHIP	22K	5%	1/16W
R5218	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5219	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5220	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5221	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5241	1-218-941-81	RES-CHIP	100	5%	1/16W
R5242	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5243	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5244	1-218-965-11	RES-CHIP	10K	5%	1/16W

REF. NO.	PART NO.	DESCRIPTION			REMARK
R5245	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5250	1-216-864-11	SHORT CHIP	0		
R5300	1-218-933-11	RES-CHIP	22	5%	1/16W
R5301	1-218-990-81	SHORT CHIP	0		
R5302	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5303	1-218-933-11	RES-CHIP	22	5%	1/16W
R5304	1-218-933-11	RES-CHIP	22	5%	1/16W
R5305	1-218-990-81	SHORT CHIP	0		
R5307	1-218-933-11	RES-CHIP	22	5%	1/16W
R5308	1-218-933-11	RES-CHIP	22	5%	1/16W
R5309	1-218-933-11	RES-CHIP	22	5%	1/16W
R5310	1-218-933-11	RES-CHIP	22	5%	1/16W
R5311	1-218-933-11	RES-CHIP	22	5%	1/16W
R5312	1-218-933-11	RES-CHIP	22	5%	1/16W
R5313	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5315	1-218-933-11	RES-CHIP	22	5%	1/16W
R5316	1-218-933-11	RES-CHIP	22	5%	1/16W
R5318	1-218-933-11	RES-CHIP	22	5%	1/16W
R5319	1-218-933-11	RES-CHIP	22	5%	1/16W
R5320	1-218-933-11	RES-CHIP	22	5%	1/16W
R5321	1-218-933-11	RES-CHIP	22	5%	1/16W
R5322	1-218-933-11	RES-CHIP	22	5%	1/16W
R5323	1-218-933-11	RES-CHIP	22	5%	1/16W
R5324	1-218-933-11	RES-CHIP	22	5%	1/16W
R5325	1-218-937-11	RES-CHIP	47	5%	1/16W
R5326	1-218-937-11	RES-CHIP	47	5%	1/16W
R5327	1-218-937-11	RES-CHIP	47	5%	1/16W
R5328	1-218-937-11	RES-CHIP	47	5%	1/16W
R5329	1-218-937-11	RES-CHIP	47	5%	1/16W
R5330	1-218-937-11	RES-CHIP	47	5%	1/16W
R5331	1-218-937-11	RES-CHIP	47	5%	1/16W
R5332	1-218-937-11	RES-CHIP	47	5%	1/16W
R5333	1-218-990-81	SHORT CHIP	0		
R5334	1-218-933-11	RES-CHIP	22	5%	1/16W
R5335	1-218-933-11	RES-CHIP	22	5%	1/16W
R5336	1-218-933-11	RES-CHIP	22	5%	1/16W
R5337	1-218-933-11	RES-CHIP	22	5%	1/16W
R5339	1-216-295-91	SHORT CHIP	0		
R5340	1-218-933-11	RES-CHIP	22	5%	1/16W
R5341	1-218-933-11	RES-CHIP	22	5%	1/16W
R5342	1-218-933-11	RES-CHIP	22	5%	1/16W
R5343	1-218-937-11	RES-CHIP	47	5%	1/16W
R5344	1-218-933-11	RES-CHIP	22	5%	1/16W
R5345	1-218-937-11	RES-CHIP	47	5%	1/16W
R5346	1-218-937-11	RES-CHIP	47	5%	1/16W
R5347	1-218-937-11	RES-CHIP	47	5%	1/16W
R5348	1-218-937-11	RES-CHIP	47	5%	1/16W
R5349	1-218-937-11	RES-CHIP	47	5%	1/16W
R5350	1-218-937-11	RES-CHIP	47	5%	1/16W
R5351	1-218-937-11	RES-CHIP	47	5%	1/16W
R5352	1-218-937-11	RES-CHIP	47	5%	1/16W
R5353	1-218-937-11	RES-CHIP	47	5%	1/16W
R5354	1-218-937-11	RES-CHIP	47	5%	1/16W
R5355	1-218-937-11	RES-CHIP	47	5%	1/16W
R5356	1-218-990-81	SHORT CHIP	0		
R5357	1-218-933-11	RES-CHIP	22	5%	1/16W
R5358	1-218-933-11	RES-CHIP	22	5%	1/16W
R5400	1-218-933-11	RES-CHIP	22	5%	1/16W
R5401	1-218-939-11	RES-CHIP	68	5%	1/16W
R5402	1-218-933-11	RES-CHIP	22	5%	1/16W
R5403	1-218-933-11	RES-CHIP	22	5%	1/16W
R5404	1-218-933-11	RES-CHIP	22	5%	1/16W
R5405	1-218-965-11	RES-CHIP	10K	5%	1/16W

REF. NO.	PART NO.	DESCRIPTION			REMARK
R5406	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5407	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5412	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5413	1-218-947-11	RES-CHIP	330	5%	1/16W
R5415	1-218-990-81	SHORT CHIP	0		
R5417	1-218-933-11	RES-CHIP	22	5%	1/16W
R5418	1-218-933-11	RES-CHIP	22	5%	1/16W
R5424	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5425	1-218-990-81	SHORT CHIP	0		
R5426	1-218-990-81	SHORT CHIP	0		
R5427	1-218-990-81	SHORT CHIP	0		
R5431	1-218-990-81	SHORT CHIP	0		
R5432	1-218-933-11	RES-CHIP	22	5%	1/16W
R5433	1-218-937-11	RES-CHIP	47	5%	1/16W
R5912	1-218-990-81	SHORT CHIP	0		
R5913	1-218-990-81	SHORT CHIP	0		
R5915	1-218-990-81	SHORT CHIP	0		
R5918	1-218-990-81	SHORT CHIP	0		
R5919	1-218-990-81	SHORT CHIP	0		
R5920	1-218-990-81	SHORT CHIP	0		
R5923	1-218-937-11	RES-CHIP	47	5%	1/16W
R5924	1-218-939-11	RES-CHIP	68	5%	1/16W
R5925	1-218-941-81	RES-CHIP	100	5%	1/16W

< NETWORK RESISTOR >

RB4201	1-234-799-21	RES, CHIP NETWORK 10KX8 (3816)	
RB4203	1-234-711-21	RES, CHIP NETWORK 22X8 (3816)	
RB4205	1-234-887-21	RES, CHIP NETWORK 0X8 (3816)	
RB4206	1-234-887-21	RES, CHIP NETWORK 0X8 (3816)	
RB4207	1-234-887-21	RES, CHIP NETWORK 0X8 (3816)	
RB4208	1-234-887-21	RES, CHIP NETWORK 0X8 (3816)	
RB4212	1-234-799-21	RES, CHIP NETWORK 10KX8 (3816)	
RB4500	1-234-710-21	RES, CHIP NETWORK 47X8 (3816)	
RB4501	1-234-710-21	RES, CHIP NETWORK 47X8 (3816)	
RB4502	1-234-710-21	RES, CHIP NETWORK 47X8 (3816)	
RB4503	1-234-710-21	RES, CHIP NETWORK 47X8 (3816)	
RB4504	1-234-710-21	RES, CHIP NETWORK 47X8 (3816)	
RB4804	1-234-378-11	RES, CHIP NETWORK 10KX4	(1005X4)
RB4805	1-234-945-21	RES, NETWORK 100	(1005X4)
RB4806	1-234-945-21	RES, NETWORK 100	(1005X4)
RB4807	1-234-945-21	RES, NETWORK 100	(1005X4)
RB4808	1-234-945-21	RES, NETWORK 100	(1005X4)
RB4809	1-234-945-21	RES, NETWORK 100	(1005X4)
RB4810	1-234-945-21	RES, NETWORK 100	(1005X4)
RB4811	1-234-945-21	RES, NETWORK 100	(1005X4)
RB4812	1-234-711-21	RES, CHIP NETWORK 22X8 (3816)	
RB4813	1-234-711-21	RES, CHIP NETWORK 22X8 (3816)	
RB4814	1-234-711-21	RES, CHIP NETWORK 22X8 (3816)	
RB5000	1-234-946-21	RES, NETWORK 220	(1005X4)
RB5001	1-234-946-21	RES, NETWORK 220	(1005X4)
RB5002	1-234-785-21	RES, CHIP NETWORK 100X8 (3816)	
RB5003	1-234-946-21	RES, NETWORK 220	(1005X4)
RB5004	1-234-785-21	RES, CHIP NETWORK 100X8 (3816)	
RB5005	1-234-946-21	RES, NETWORK 220	(1005X4)
RB5006	1-234-946-21	RES, NETWORK 220	(1005X4)
RB5007	1-234-946-21	RES, NETWORK 220	(1005X4)
RB5008	1-234-946-21	RES, NETWORK 220	(1005X4)
RB5009	1-234-946-21	RES, NETWORK 220	(1005X4)
RB5108	1-234-881-21	RES, CHIP NETWORK 22KX8 (3816)	
RB5109	1-234-881-21	RES, CHIP NETWORK 22KX8 (3816)	
RB5114	1-234-710-21	RES, CHIP NETWORK 47X8 (3816)	
RB5115	1-234-710-21	RES, CHIP NETWORK 47X8 (3816)	
RB5116	1-234-881-21	RES, CHIP NETWORK 22KX8 (3816)	
RB5117	1-234-881-21	RES, CHIP NETWORK 22KX8 (3816)	
RB5118	1-234-881-21	RES, CHIP NETWORK 22KX8 (3816)	
RB5119	1-234-881-21	RES, CHIP NETWORK 22KX8 (3816)	
RB5120	1-234-785-21	RES, CHIP NETWORK 100X8 (3816)	
RB5300	1-234-943-21	RES, NETWORK 22	(1005X4)
RB5301	1-234-711-21	RES, CHIP NETWORK 22X8 (3816)	
RB5302	1-234-711-21	RES, CHIP NETWORK 22X8 (3816)	
RB5303	1-234-711-21	RES, CHIP NETWORK 22X8 (3816)	
RB5304	1-234-943-21	RES, NETWORK 22	(1005X4)
RB5305	1-234-943-21	RES, NETWORK 22	(1005X4)
RB5306	1-234-943-21	RES, NETWORK 22	(1005X4)
RB5307	1-234-943-21	RES, NETWORK 22	(1005X4)
RB5308	1-234-943-21	RES, NETWORK 22	(1005X4)
RB5309	1-234-943-21	RES, NETWORK 22	(1005X4)
RB5310	1-234-943-21	RES, NETWORK 22	(1005X4)
RB5311	1-234-711-21	RES, CHIP NETWORK 22X8 (3816)	
RB5312	1-234-943-21	RES, NETWORK 22	(1005X4)
RB5313	1-234-378-11	RES, CHIP NETWORK 10KX4	(1005X4)
RB5314	1-234-378-11	RES, CHIP NETWORK 10KX4	(1005X4)
RB5315	1-234-943-21	RES, NETWORK 22	(1005X4)
RB5316	1-234-943-21	RES, NETWORK 22	(1005X4)
RB5317	1-234-943-21	RES, NETWORK 22	(1005X4)
RB5321	1-234-710-21	RES, CHIP NETWORK 47X8 (3816)	
RB5322	1-234-710-21	RES, CHIP NETWORK 47X8 (3816)	
RB5324	1-234-944-21	RES, NETWORK 47	(1005X4)
RB5327	1-234-943-21	RES, NETWORK 22	(1005X4)
RB5328	1-234-943-21	RES, NETWORK 22	(1005X4)
RB5330	1-234-943-21	RES, NETWORK 22	(1005X4)
RB5331	1-234-943-21	RES, NETWORK 22	(1005X4)
RB5333	1-234-943-21	RES, NETWORK 22	(1005X4)
RB5334	1-234-943-21	RES, NETWORK 22	(1005X4)
RB5335	1-234-943-21	RES, NETWORK 22	(1005X4)
RB5336	1-234-943-21	RES, NETWORK 22	(1005X4)
RB5337	1-234-944-21	RES, NETWORK 47	(1005X4)
RB5338	1-234-944-21	RES, NETWORK 47	(1005X4)
RB5339	1-234-944-21	RES, NETWORK 47	(1005X4)
RB5340	1-234-944-21	RES, NETWORK 47	(1005X4)
RB5341	1-234-944-21	RES, NETWORK 47	(1005X4)
RB5342	1-234-944-21	RES, NETWORK 47	(1005X4)
RB5343	1-234-944-21	RES, NETWORK 47	(1005X4)
RB5344	1-234-944-21	RES, NETWORK 47	(1005X4)
RB5345	1-234-944-21	RES, NETWORK 47	(1005X4)
RB5346	1-234-944-21	RES, NETWORK 47	(1005X4)
RB5347	1-234-944-21	RES, NETWORK 47	(1005X4)
RB5348	1-234-944-21	RES, NETWORK 47	(1005X4)
RB5349	1-234-944-21	RES, NETWORK 47	(1005X4)
RB5350	1-234-944-21	RES, NETWORK 47	(1005X4)
RB5351	1-234-944-21	RES, NETWORK 47	(1005X4)
RB5352	1-234-944-21	RES, NETWORK 47	(1005X4)
RB5417	1-234-785-21	RES, CHIP NETWORK 100X8 (3816)	
RB5418	1-234-710-21	RES, CHIP NETWORK 47X8 (3816)	
RB5419	1-234-785-21	RES, CHIP NETWORK 100X8 (3816)	
RB5420	1-234-785-21	RES, CHIP NETWORK 100X8 (3816)	
RB5900	1-234-710-21	RES, CHIP NETWORK 47X8 (3816)	
RB5901	1-234-710-21	RES, CHIP NETWORK 47X8 (3816)	
RB5902	1-234-710-21	RES, CHIP NETWORK 47X8 (3816)	
RB5903	1-234-710-21	RES, CHIP NETWORK 47X8 (3816)	
RB5904	1-234-710-21	RES, CHIP NETWORK 47X8 (3816)	
RB5905	1-234-710-21	RES, CHIP NETWORK 47X8 (3816)	
RB5906	1-234-710-21	RES, CHIP NETWORK 47X8 (3816)	
RB5907	1-234-710-21	RES, CHIP NETWORK 47X8 (3816)	

REF. NO.	PART NO.	DESCRIPTION			REMARK
		< VARISTOR >			
VD4501	1-805-774-21	VARISTOR, CHIP			
VD4502	1-805-774-21	VARISTOR, CHIP			
VD4504	1-805-774-21	VARISTOR, CHIP			
VD4505	1-805-774-21	VARISTOR, CHIP			
VDR001	1-802-160-11	VARISTOR			
VDR002	1-802-160-11	VARISTOR			
VDR003	1-802-160-11	VARISTOR			
VDR004	1-802-160-11	VARISTOR			
VDR005	1-802-160-11	VARISTOR			
VDR006	1-802-160-11	VARISTOR			
VDR007	1-802-160-11	VARISTOR			
VDR008	1-802-160-11	VARISTOR			
		< VIBRATOR >			
X4800	1-813-373-11	OSCILLATOR, CRYSTAL			
X5100	1-813-528-11	VIBRATOR, CRYSTAL 27MHZ			
**********					
		C BOARD, COMPLETE			
		**********			
		(Included in Optics Block Ass'y)			
		< CAPACITOR >			
C2004	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2005	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2007	1-100-631-21	ELECT CHIP	82µF	20%	20V
C2008	1-165-673-21	ELECT CHIP	56µF	20%	10V
C2009	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2010	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
C2011	1-165-673-21	ELECT CHIP	56µF	20%	10V
C2012	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2013	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2016	1-165-671-21	ELECT CHIP	470µF	20%	6.3V
C2017	1-100-581-81	CERAMIC CHIP	4700pF	10%	50V
C2019	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2020	1-100-390-21	ELECT CHIP	180µF	20%	6.3V
C2021	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
C2022	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
C2023	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
C2024	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C2025	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
C2026	1-164-878-11	CERAMIC CHIP	150pF	5%	50V
C2028	1-162-969-11	CERAMIC CHIP	0.0068µF	10%	25V
C2029	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C2030	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
C2032	1-100-390-21	ELECT CHIP	180µF	20%	6.3V
C2033	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C2034	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C2035	1-100-390-21	ELECT CHIP	180µF	20%	6.3V
C2036	1-100-766-21	ELECT CHIP	47µF	20%	16V
C2037	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C2039	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2040	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C2041	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C2042	1-112-778-11	CERAMIC CHIP	0.022µF	10%	25V
C2043	1-112-776-11	CERAMIC CHIP	0.0047µF	10%	50V
C2045	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C2046	1-112-692-11	CERAMIC CHIP	1000pF	5%	50V
C2047	1-112-692-11	CERAMIC CHIP	1000pF	5%	50V
C2048	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C2049	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C2100	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C2102	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2103	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C2106	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2108	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2111	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2112	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2114	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2116	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2119	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2120	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2121	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2122	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2123	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2125	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2127	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2201	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2202	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2203	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2204	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2205	1-112-780-11	CERAMIC CHIP	0.47µF	10%	16V
C2206	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2207	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2208	1-126-401-21	ELECT CHIP	1µF	20%	50V
C2209	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2210	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2211	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2212	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2213	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2214	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2215	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2216	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2217	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2218	1-126-391-11	ELECT CHIP	47µF	20%	6.3V
C2219	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2220	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2221	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2222	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2223	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2224	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2225	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2226	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2227	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2228	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2229	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2230	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2231	1-112-467-21	ELECT CHIP	560µF	20%	4V
C2232	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2234	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2235	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2236	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2237	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2238	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2239	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2240	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2241	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2242	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2243	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2244	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2245	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2246	1-112-467-21	ELECT CHIP	560µF	20%	4V
C2247	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C2248	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2249	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V

REF. NO.	PART NO.	DESCRIPTION			REMARK
C2250	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2251	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2252	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2253	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2254	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2255	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2256	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2257	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2258	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2259	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2262	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2301	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2302	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2303	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2305	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2306	1-126-401-21	ELECT CHIP	1µF	20%	50V
C2307	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2308	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2309	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2310	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2311	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2312	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2313	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2314	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2315	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2316	1-126-391-11	ELECT CHIP	47µF	20%	6.3V
C2317	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2318	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2319	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2320	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2321	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2322	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2323	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2324	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2325	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2326	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2327	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2328	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2329	1-112-467-21	ELECT CHIP	560µF	20%	4V
C2331	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2332	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2333	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2334	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2335	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2336	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2337	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2338	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2339	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2340	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2341	1-112-467-21	ELECT CHIP	560µF	20%	4V
C2342	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2343	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2344	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2345	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2346	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2347	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2348	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2349	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2350	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2352	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2354	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C2355	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2356	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V

REF. NO.	PART NO.	DESCRIPTION			REMARK
C2357	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2358	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2359	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2360	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2361	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2400	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2401	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2402	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2403	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2404	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2405	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2406	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2407	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2408	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2409	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2410	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2411	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2412	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2413	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2414	1-126-390-11	ELECT CHIP	22µF	20%	6.3V
C2415	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2416	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2417	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C2418	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C2419	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2420	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2421	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2422	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2423	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2424	1-100-908-11	CERAMIC CHIP	1µF	10%	6.3V
C2425	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2426	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C2427	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C2428	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C2429	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C2430	1-126-412-11	ELECT CHIP	220µF	20%	4V
C2431	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C2432	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2433	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2434	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2435	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2436	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2437	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2438	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2439	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2440	1-165-870-21	ELECT CHIP	100µF	20%	6.3V
C2441	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C2442	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2443	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2444	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2445	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2446	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2451	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2452	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2453	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2454	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2455	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2456	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C2457	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C2458	1-100-907-11	CERAMIC CHIP	0.1µF	10%	10V
C2459	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C2462	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2468	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2469	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V

REF. NO.	PART NO.	DESCRIPTION			REMARK
C2470	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2471	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2472	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2473	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2474	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2475	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2476	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2477	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2478	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2507	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2508	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2509	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2510	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2511	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2512	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2513	1-126-390-11	ELECT CHIP	22µF	20%	6.3V
C2514	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2515	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2516	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2517	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2518	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2519	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2520	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C2521	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C2522	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C2523	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C2524	1-126-412-11	ELECT CHIP	220µF	20%	4V
C2525	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C2526	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2527	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2528	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2529	1-100-908-11	CERAMIC CHIP	1µF	10%	6.3V
C2530	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2531	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2532	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2533	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2534	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2535	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C2536	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C2537	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2538	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2539	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2540	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2541	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2542	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2543	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2544	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2545	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2546	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2547	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2548	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2549	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2550	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2551	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C2552	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C2553	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2554	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2555	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2556	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2557	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2558	1-100-907-11	CERAMIC CHIP	0.1µF	10%	10V
C2559	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C2566	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V

REF. NO.	PART NO.	DESCRIPTION			REMARK
C2567	1-165-870-21	ELECT CHIP	100µF	20%	6.3V
C2568	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C2569	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2570	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2571	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2572	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2573	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2574	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2575	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2576	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2577	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2578	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2600	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C2601	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2602	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2603	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C2604	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2605	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2606	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2607	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2608	1-100-565-91	CERAMIC CHIP	0.47µF	10%	35V
C2609	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2610	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2611	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2612	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2613	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2614	1-100-565-91	CERAMIC CHIP	0.47µF	10%	35V
C2615	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2616	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
C2617	1-112-774-11	CERAMIC CHIP	470pF	10%	50V
C2618	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2619	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2620	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
C2621	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2622	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
C2623	1-165-585-21	ELECT CHIP	47µF	20%	25V
C2624	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2625	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2626	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2627	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2628	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
C2629	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
C2630	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
C2631	1-112-774-11	CERAMIC CHIP	470pF	10%	50V
C2632	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2633	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2634	1-165-585-21	ELECT CHIP	47µF	20%	25V
C2635	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2636	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2637	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2638	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2639	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2640	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2641	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2642	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2643	1-165-585-21	ELECT CHIP	47µF	20%	25V
C2644	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2645	1-126-401-21	ELECT CHIP	1µF	20%	50V
C2647	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C2648	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2649	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
C2650	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
C2651	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V

REF. NO.	PART NO.	DESCRIPTION			REMARK
C2652	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2653	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
C2654	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2655	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
C2656	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2657	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2658	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
C2700	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C2701	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2702	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2703	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C2704	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2705	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2706	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2707	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2708	1-100-565-91	CERAMIC CHIP	0.47µF	10%	35V
C2709	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2710	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2711	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2712	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2713	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2714	1-100-565-91	CERAMIC CHIP	0.47µF	10%	35V
C2715	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2716	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
C2717	1-112-774-11	CERAMIC CHIP	470pF	10%	50V
C2718	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2719	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2720	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
C2721	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2722	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
C2723	1-165-585-21	ELECT CHIP	47µF	20%	25V
C2724	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2725	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2726	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2727	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2728	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
C2729	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
C2730	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
C2731	1-112-774-11	CERAMIC CHIP	470pF	10%	50V
C2732	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2733	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2734	1-165-585-21	ELECT CHIP	47µF	20%	25V
C2735	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2736	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2737	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2738	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2739	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2740	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2741	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2742	1-165-585-21	ELECT CHIP	47µF	20%	25V
C2743	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2744	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C2745	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2746	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
C2747	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
C2748	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
C2749	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C2750	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
C2751	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C2752	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
C2753	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2754	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
C2800	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C2801	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2802	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2803	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C2804	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2805	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2806	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2807	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2808	1-100-565-91	CERAMIC CHIP	0.47µF	10%	35V
C2809	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2810	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2811	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2812	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2813	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2814	1-100-565-91	CERAMIC CHIP	0.47µF	10%	35V
C2815	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2816	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
C2817	1-112-774-11	CERAMIC CHIP	470pF	10%	50V
C2818	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2819	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2820	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
C2821	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2822	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
C2823	1-165-585-21	ELECT CHIP	47µF	20%	25V
C2824	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2825	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2826	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2827	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2828	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
C2829	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
C2830	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
C2831	1-112-774-11	CERAMIC CHIP	470pF	10%	50V
C2832	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2833	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2834	1-165-585-21	ELECT CHIP	47µF	20%	25V
C2835	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2836	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2837	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2838	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2839	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2840	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2841	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2842	1-165-585-21	ELECT CHIP	47µF	20%	25V
C2843	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2844	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C2845	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2846	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
C2847	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
C2848	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
C2849	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C2850	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
C2851	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C2852	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
C2853	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2854	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
C2900	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2901	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2902	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2903	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2904	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2905	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2906	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2907	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2908	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2909	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V

REF. NO.	PART NO.	DESCRIPTION			REMARK
C2910	1-100-916-11	CERAMIC CHIP	0.1µF	10% 16V	
C2911	1-100-916-11	CERAMIC CHIP	0.1µF	10% 16V	
C2917	1-112-777-11	CERAMIC CHIP	0.01µF	10% 25V	
C2918	1-112-777-11	CERAMIC CHIP	0.01µF	10% 25V	
C2971	1-112-777-11	CERAMIC CHIP	0.01µF	10% 25V	
C2972	1-164-882-11	CERAMIC CHIP	220pF	5% 16V	
C2973	1-112-777-11	CERAMIC CHIP	0.01µF	10% 25V	
C2974	1-112-777-11	CERAMIC CHIP	0.01µF	10% 25V	
C2975	1-112-777-11	CERAMIC CHIP	0.01µF	10% 25V	
C2976	1-112-777-11	CERAMIC CHIP	0.01µF	10% 25V	
C2977	1-112-777-11	CERAMIC CHIP	0.01µF	10% 25V	
C2978	1-112-777-11	CERAMIC CHIP	0.01µF	10% 25V	
C2979	1-112-777-11	CERAMIC CHIP	0.01µF	10% 25V	
C2980	1-112-777-11	CERAMIC CHIP	0.01µF	10% 25V	
		< CONNECTOR >			
CN2101*	1-819-564-11	HEADER ASSEMBLY FOR PWB 41P			
		< DIODE >			
D2000	6-501-336-01	DIODE RSX201L-30TE25			
D2001	6-500-294-01	DIODE PTZ-TE25-3.9B			
D2002	8-719-078-21	DIODE SML-310PTT86			
D2003	8-719-078-04	DIODE EC31QS03L-TE12L			
D2004	8-719-071-34	DIODE RB521S-30-TE61			
D2005	8-719-078-04	DIODE EC31QS03L-TE12L			
D2006	6-500-294-01	DIODE PTZ-TE25-3.9B			
D2007	6-500-294-01	DIODE PTZ-TE25-3.9B			
D2008	8-719-053-08	DIODE SML-310DTT86			
D2009	8-719-071-34	DIODE RB521S-30-TE61			
D2600	8-719-081-97	DIODE MMDL914T1			
D2602	8-719-081-97	DIODE MMDL914T1			
D2700	8-719-081-97	DIODE MMDL914T1			
D2701	8-719-081-97	DIODE MMDL914T1			
D2800	8-719-081-97	DIODE MMDL914T1			
D2801	8-719-081-97	DIODE MMDL914T1			
D2900	6-500-600-01	DIODE MM3Z3V3T1			
D2901	6-500-697-01	DIODE UDZSTE-173.3B			
		< SHIELD CLIP >			
ET2000	1-780-148-11	CLIP, SHIELD			
ET2001	1-780-148-11	CLIP, SHIELD			
ET2002	1-780-148-11	CLIP, SHIELD			
ET2003	1-780-148-11	CLIP, SHIELD			
ET2004	1-780-148-11	CLIP, SHIELD			
ET2005	1-780-148-11	CLIP, SHIELD			
ET2006	1-780-148-11	CLIP, SHIELD			
ET2007	1-780-148-11	CLIP, SHIELD			
ET2008	1-780-148-11	CLIP, SHIELD			
ET2009	1-780-148-11	CLIP, SHIELD			
ET2010	1-780-148-11	CLIP, SHIELD			
ET2011	1-780-148-11	CLIP, SHIELD			
		< FUSE >			
F2000	1-576-415-11	FUSE	2A	32V	
F2001	1-576-603-21	FUSE	3.15A	24V	

REF. NO.	PART NO.	DESCRIPTION		REMARK
		< FERRITE BEAD >		
FB2000	1-469-083-21	FERRITE	0µH	
FB2001	1-469-083-21	FERRITE	0µH	
FB2002	1-469-083-21	FERRITE	0µH	
FB2004	1-469-083-21	FERRITE	0µH	
FB2005	1-469-083-21	FERRITE	0µH	
FB2006	1-469-083-21	FERRITE	0µH	
FB2008	1-469-083-21	FERRITE	0µH	
FB2010	1-469-083-21	FERRITE	0µH	
FB2011	1-469-083-21	FERRITE	0µH	
FB2015 *	1-469-230-21	FERRITE	0µH	
FB2016 *	1-469-230-21	FERRITE	0µH	
FB2017	1-469-979-21	FERRITE	0µH	
FB2018	1-469-979-21	FERRITE	0µH	
FB2200	1-414-921-11	FERRITE	0µH	
FB2201	1-414-921-11	FERRITE	0µH	
FB2202	1-414-921-11	FERRITE	0µH	
FB2300	1-414-921-11	FERRITE	0µH	
FB2301	1-414-921-11	FERRITE	0µH	
FB2302	1-414-921-11	FERRITE	0µH	
FB2303	1-414-921-11	FERRITE	0µH	
FB2400	1-469-379-11	FERRITE	0µH	
FB2401	1-400-382-11	FERRITE	0µH	
FB2402	1-400-382-11	FERRITE	0µH	
FB2500	1-400-382-11	FERRITE	0µH	
FB2501	1-469-379-11	FERRITE	0µH	
FB2502	1-400-382-11	FERRITE	0µH	
FB2802	1-414-921-11	FERRITE	0µH	
		< IC >		
IC2000	6-706-815-01	IC TMP75AIDR		
IC2001	6-704-407-01	IC PQ1CZ41H2ZPH		
IC2002	6-704-573-01	IC M24C32-WMN6T(B)		
IC2003	6-708-762-01	IC PQ200WNA1ZPH		
IC2004	6-706-884-01	IC BD9851EFV-E2		
IC2005 *	6-708-796-01	IC S-1200B50-M5T1G		
IC2200	6-702-985-01	IC M24256-BWMN6T		
IC2201	6-703-225-01	IC S-80928CNMC-G8YT2G		
IC2202	6-707-853-01	IC TC74LCX541FT(EKJ)		
IC2301	6-702-985-01	IC M24256-BWMN6T		
IC2302	6-707-853-01	IC TC74LCX541FT(EKJ)		
IC2400	6-706-784-01	IC HY5DU283222AFP-36		
IC2402	6-707-373-01	IC TPS51100DGQR		
IC2501	6-706-784-01	IC HY5DU283222AFP-36		
IC2502	6-707-373-01	IC TPS51100DGQR		
IC2600	8-753-255-59	IC CXA7007R-T6		
IC2601	8-753-255-59	IC CXA7007R-T6		
IC2602	6-705-025-01	IC PQ20WZ1UJ00H		
IC2603	8-759-066-55	IC TA75W393FU		
IC2604	6-701-841-01	IC PST3628UL		
IC2605	6-701-841-01	IC PST3628UL		
IC2700	8-753-255-59	IC CXA7007R-T6		
IC2701	8-753-255-59	IC CXA7007R-T6		
IC2702	6-705-025-01	IC PQ20WZ1UJ00H		
IC2703	6-701-841-01	IC PST3628UL		
IC2704	6-701-841-01	IC PST3628UL		
IC2800	8-753-255-59	IC CXA7007R-T6		
IC2801	8-753-255-59	IC CXA7007R-T6		
IC2802	6-705-025-01	IC PQ20WZ1UJ00H		
IC2803	6-701-841-01	IC PST3628UL		
IC2804	6-701-841-01	IC PST3628UL		
IC2900	8-759-337-40	IC NJM2904V(TE2)		

REF. NO.	PART NO.	DESCRIPTION	REMARK
IC2901	8-759-646-99	IC NJM4556AV(TE2)	
IC2902	8-759-337-40	IC NJM2904V(TE2)	
IC2972	8-759-596-36	IC SN74LV595APWR	
IC2973	6-703-527-01	IC SN74LVC2G157DCUR	
IC2974	6-703-527-01	IC SN74LVC2G157DCUR	
IC2975	6-703-527-01	IC SN74LVC2G157DCUR	
IC2976	6-703-527-01	IC SN74LVC2G157DCUR	
IC2977	6-703-527-01	IC SN74LVC2G157DCUR	
IC2978	6-703-527-01	IC SN74LVC2G157DCUR	
IC2979	6-701-189-01	IC MC74VHC1GU04DFT1	

< COIL >

L2000	1-416-606-11	INDUCTOR	47µH
L2001	1-416-344-11	INDUCTOR	10µH
L2002	1-409-527-41	INDUCTOR	4.7µH
L2003	1-424-922-21	INDUCTOR	10µH
L2004	1-469-551-21	INDUCTOR	2.2µH
L2005	1-469-551-21	INDUCTOR	2.2µH
L2006	1-400-179-21	FERRITE	0µH
L2007	1-400-179-21	FERRITE	0µH
L2100	1-469-551-21	INDUCTOR	2.2µH
L2101	1-469-551-21	INDUCTOR	2.2µH
L2200	1-412-054-21	INDUCTOR	2.2µH
L2201	1-412-054-21	INDUCTOR	2.2µH
L2202	1-412-054-21	INDUCTOR	2.2µH
L2300	1-412-054-21	INDUCTOR	2.2µH
L2301	1-412-054-21	INDUCTOR	2.2µH
L2302	1-412-054-21	INDUCTOR	2.2µH
L2401	1-412-054-21	INDUCTOR	2.2µH
L2501	1-412-054-21	INDUCTOR	2.2µH
L2601	1-469-551-21	INDUCTOR	2.2µH
L2603	1-469-551-21	INDUCTOR	2.2µH
L2604	1-469-551-21	INDUCTOR	2.2µH
L2605	1-469-551-21	INDUCTOR	2.2µH
L2606	1-469-551-21	INDUCTOR	2.2µH
L2607	1-469-551-21	INDUCTOR	2.2µH
L2701	1-469-551-21	INDUCTOR	2.2µH
L2703	1-469-551-21	INDUCTOR	2.2µH
L2704	1-469-551-21	INDUCTOR	2.2µH
L2705	1-469-551-21	INDUCTOR	2.2µH
L2706	1-469-551-21	INDUCTOR	2.2µH
L2707	1-469-551-21	INDUCTOR	2.2µH
L2801	1-469-551-21	INDUCTOR	2.2µH
L2803	1-469-551-21	INDUCTOR	2.2µH
L2804	1-469-551-21	INDUCTOR	2.2µH
L2805	1-469-551-21	INDUCTOR	2.2µH
L2806	1-469-551-21	INDUCTOR	2.2µH
L2970	1-469-551-21	INDUCTOR	2.2µH

< TRANSISTOR >

Q2000	8-729-029-14	TRANSISTOR	DTC144EUA-T106
Q2001	8-729-905-35	TRANSISTOR	2SC4081-R
Q2002	6-551-382-01	TRANSISTOR	RSS040P03FD5TB
Q2003	8-729-029-14	TRANSISTOR	DTC144EUA-T106
Q2004	8-729-905-35	TRANSISTOR	2SC4081-R
Q2005	6-551-382-01	TRANSISTOR	RSS040P03FD5TB
Q2006	8-729-029-14	TRANSISTOR	DTC144EUA-T106
Q2008	8-729-905-35	TRANSISTOR	2SC4081-R
Q2200	8-729-013-28	TRANSISTOR	HN1B01FU-TE85R
Q2201	8-729-905-35	TRANSISTOR	2SC4081-R
Q2202	8-729-029-14	TRANSISTOR	DTC144EUA-T106
Q2300	8-729-013-28	TRANSISTOR	HN1B01FU-TE85R
Q2301	8-729-905-35	TRANSISTOR	2SC4081-R
Q2600	8-729-029-14	TRANSISTOR	DTC144EUA-T106
Q2601	8-729-013-28	TRANSISTOR	HN1B01FU-TE85R
Q2602	8-729-056-67	TRANSISTOR	SSM6P05FU(TE85R)
Q2603	8-729-013-28	TRANSISTOR	HN1B01FU-TE85R
Q2604	8-729-026-53	TRANSISTOR	2SA1576A-T106-QR
Q2605	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q2606	8-729-029-14	TRANSISTOR	DTC144EUA-T106
Q2607	8-729-905-35	TRANSISTOR	2SC4081-R
Q2608	8-729-427-72	TRANSISTOR	XP4501
Q2700	8-729-029-14	TRANSISTOR	DTC144EUA-T106
Q2701	8-729-013-28	TRANSISTOR	HN1B01FU-TE85R
Q2702	8-729-056-67	TRANSISTOR	SSM6P05FU(TE85R)
Q2703	8-729-013-28	TRANSISTOR	HN1B01FU-TE85R
Q2705	8-729-427-72	TRANSISTOR	XP4501
Q2800	8-729-029-14	TRANSISTOR	DTC144EUA-T106
Q2801	8-729-013-28	TRANSISTOR	HN1B01FU-TE85R
Q2802	8-729-056-67	TRANSISTOR	SSM6P05FU(TE85R)
Q2803	8-729-013-28	TRANSISTOR	HN1B01FU-TE85R
Q2805	8-729-427-72	TRANSISTOR	XP4501
Q2900	8-729-120-28	TRANSISTOR	2SC1623-L5L6

< RESISTOR >

R2000	1-218-933-11	RES-CHIP	22	5%	1/16W
R2001	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2002	1-218-933-11	RES-CHIP	22	5%	1/16W
R2003	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2004	1-218-969-11	RES-CHIP	22K	5%	1/16W
R2005	1-218-969-11	RES-CHIP	22K	5%	1/16W
R2006	1-218-969-11	RES-CHIP	22K	5%	1/16W
R2007	1-218-969-11	RES-CHIP	22K	5%	1/16W
R2008	1-218-933-11	RES-CHIP	22	5%	1/16W
R2009	1-218-933-11	RES-CHIP	22	5%	1/16W
R2010	1-218-933-11	RES-CHIP	22	5%	1/16W
R2011	1-218-990-81	SHORT CHIP	0		
R2012	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2013	1-218-990-81	SHORT CHIP	0		
R2015	1-218-953-11	RES-CHIP	1K	5%	1/16W
R2016	1-218-953-11	RES-CHIP	1K	5%	1/16W
R2017	1-218-953-11	RES-CHIP	1K	5%	1/16W
R2018	1-208-687-11	METAL CHIP	1.5K	0.5%	1/16W
R2019	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R2020	1-218-945-11	RES-CHIP	220	5%	1/16W
R2021	1-218-945-11	RES-CHIP	220	5%	1/16W
R2022	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2023	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2024	1-218-990-81	SHORT CHIP	0		
R2025	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2026	1-218-985-11	RES-CHIP	470K	5%	1/16W
R2027	1-218-949-11	RES-CHIP	470	5%	1/16W
R2028	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R2033	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2034	1-218-990-81	SHORT CHIP	0		
R2035	1-218-990-81	SHORT CHIP	0		
R2036	1-208-709-11	METAL CHIP	12K	0.5%	1/16W
R2037	1-208-711-11	METAL CHIP	15K	0.5%	1/16W
R2038	1-208-711-11	METAL CHIP	15K	0.5%	1/16W
R2039	1-208-927-11	METAL CHIP	47K	0.5%	1/16W
R2040	1-208-911-11	METAL CHIP	10K	0.5%	1/16W
R2041	1-208-911-11	METAL CHIP	10K	0.5%	1/16W
R2042	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W
R2043	1-208-661-11	METAL CHIP	120	0.5%	1/16W

REF. NO.	PART NO.	DESCRIPTION			REMARK
R2044	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R2045	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R2046	1-218-955-11	RES-CHIP	1.5K	5%	1/16W
R2047	1-218-990-81	SHORT CHIP	0		
R2048	1-208-909-11	METAL CHIP	8.2K	0.5%	1/16W
R2049	1-208-931-11	METAL CHIP	68K	0.5%	1/16W
R2050	1-208-927-11	METAL CHIP	47K	0.5%	1/16W
R2051	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R2052	1-218-985-11	RES-CHIP	470K	5%	1/16W
R2054	1-218-953-11	RES-CHIP	1K	5%	1/16W
R2055	1-216-864-11	SHORT CHIP	0		
R2056	1-216-864-11	SHORT CHIP	0		
R2057	1-216-864-11	SHORT CHIP	0		
R2100	1-218-941-11	METAL CHIP	100	5%	1/16W
R2101	1-218-941-11	METAL CHIP	100	5%	1/16W
R2102	1-218-941-11	METAL CHIP	100	5%	1/16W
R2103	1-218-941-11	METAL CHIP	100	5%	1/16W
R2104	1-218-941-11	METAL CHIP	100	5%	1/16W
R2105	1-218-941-11	METAL CHIP	100	5%	1/16W
R2109	1-218-937-11	RES-CHIP	47	5%	1/16W
R2110	1-218-937-11	RES-CHIP	47	5%	1/16W
R2111	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R2113	1-218-937-11	RES-CHIP	47	5%	1/16W
R2114	1-218-941-11	METAL CHIP	100	5%	1/16W
R2115	1-218-941-11	METAL CHIP	100	5%	1/16W
R2119	1-218-941-11	METAL CHIP	100	5%	1/16W
R2120	1-218-941-11	METAL CHIP	100	5%	1/16W
R2121	1-218-941-11	METAL CHIP	100	5%	1/16W
R2122	1-218-941-11	METAL CHIP	100	5%	1/16W
R2123	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R2124	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2126	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R2127	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R2128	1-218-937-11	RES-CHIP	47	5%	1/16W
R2129	1-218-937-11	RES-CHIP	47	5%	1/16W
R2133	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R2134	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R2135	1-218-937-11	RES-CHIP	47	5%	1/16W
R2136	1-218-935-11	RES-CHIP	33	5%	1/16W
R2138	1-218-969-11	RES-CHIP	22K	5%	1/16W
R2139	1-218-969-11	RES-CHIP	22K	5%	1/16W
R2140	1-218-969-11	RES-CHIP	22K	5%	1/16W
R2141	1-218-969-11	RES-CHIP	22K	5%	1/16W
R2142	1-218-969-11	RES-CHIP	22K	5%	1/16W
R2143	1-218-969-11	RES-CHIP	22K	5%	1/16W
R2145	1-218-937-11	RES-CHIP	47	5%	1/16W
R2146	1-218-969-11	RES-CHIP	22K	5%	1/16W
R2147	1-218-969-11	RES-CHIP	22K	5%	1/16W
R2200	1-218-933-11	RES-CHIP	22	5%	1/16W
R2201	1-218-937-11	RES-CHIP	47	5%	1/16W
R2203	1-218-941-81	RES-CHIP	100	5%	1/16W
R2205	1-218-941-81	RES-CHIP	100	5%	1/16W
R2207	1-218-933-11	RES-CHIP	22	5%	1/16W
R2208	1-218-933-11	RES-CHIP	22	5%	1/16W
R2209	1-218-929-11	RES-CHIP	10	5%	1/16W
R2210	1-218-929-11	RES-CHIP	10	5%	1/16W
R2211	1-218-933-11	RES-CHIP	22	5%	1/16W
R2212	1-218-969-11	RES-CHIP	22K	5%	1/16W
R2213	1-218-969-11	RES-CHIP	22K	5%	1/16W
R2214	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2215	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2216	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2217	1-218-973-11	RES-CHIP	47K	5%	1/16W

REF. NO.	PART NO.	DESCRIPTION			REMARK
R2218	1-218-929-11	RES-CHIP	10	5%	1/16W
R2219	1-218-929-11	RES-CHIP	10	5%	1/16W
R2220	1-218-933-11	RES-CHIP	22	5%	1/16W
R2221	1-218-990-81	SHORT CHIP	0		
R2222	1-218-990-81	SHORT CHIP	0		
R2223	1-218-929-11	RES-CHIP	10	5%	1/16W
R2226	1-218-929-11	RES-CHIP	10	5%	1/16W
R2227	1-218-929-11	RES-CHIP	10	5%	1/16W
R2228	1-218-929-11	RES-CHIP	10	5%	1/16W
R2229	1-216-864-11	SHORT CHIP	0		
R2230	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R2231	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R2232	1-218-937-11	RES-CHIP	47	5%	1/16W
R2233	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R2234	1-218-937-11	RES-CHIP	47	5%	1/16W
R2235	1-218-953-11	RES-CHIP	1K	5%	1/16W
R2236	1-218-953-11	RES-CHIP	1K	5%	1/16W
R2237	1-218-953-11	RES-CHIP	1K	5%	1/16W
R2238	1-218-929-11	RES-CHIP	10	5%	1/16W
R2239	1-218-929-11	RES-CHIP	10	5%	1/16W
R2240	1-218-929-11	RES-CHIP	10	5%	1/16W
R2241	1-218-939-11	RES-CHIP	68	5%	1/16W
R2242	1-218-929-11	RES-CHIP	10	5%	1/16W
R2244	1-218-929-11	RES-CHIP	10	5%	1/16W
R2246	1-218-990-81	SHORT CHIP	0		
R2247	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2248	1-218-953-11	RES-CHIP	1K	5%	1/16W
R2249	1-218-953-11	RES-CHIP	1K	5%	1/16W
R2250	1-218-969-11	RES-CHIP	22K	5%	1/16W
R2251	1-218-941-81	RES-CHIP	100	5%	1/16W
R2252	1-218-990-81	SHORT CHIP	0		
R2253	1-218-969-11	RES-CHIP	22K	5%	1/16W
R2254	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2255	1-218-942-11	RES-CHIP	120	5%	1/16W
R2256	1-218-942-11	RES-CHIP	120	5%	1/16W
R2257	1-218-929-11	RES-CHIP	10	5%	1/16W
R2258	1-218-929-11	RES-CHIP	10	5%	1/16W
R2259	1-218-929-11	RES-CHIP	10	5%	1/16W
R2260	1-218-942-11	RES-CHIP	120	5%	1/16W
R2261	1-218-929-11	RES-CHIP	10	5%	1/16W
R2262	1-218-929-11	RES-CHIP	10	5%	1/16W
R2263	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2264	1-218-941-81	RES-CHIP	100	5%	1/16W
R2265	1-218-990-81	SHORT CHIP	0		
R2266	1-218-990-81	SHORT CHIP	0		
R2267	1-218-990-81	SHORT CHIP	0		
R2268	1-218-990-81	SHORT CHIP	0		
R2269	1-218-990-81	SHORT CHIP	0		
R2270	1-218-990-81	SHORT CHIP	0		
R2271	1-218-990-81	SHORT CHIP	0		
R2272	1-218-990-81	SHORT CHIP	0		
R2275	1-218-953-11	RES-CHIP	1K	5%	1/16W
R2300	1-218-933-11	RES-CHIP	22	5%	1/16W
R2301	1-218-935-11	RES-CHIP	33	5%	1/16W
R2303	1-218-939-11	RES-CHIP	68	5%	1/16W
R2305	1-218-943-11	RES-CHIP	150	5%	1/16W
R2307	1-218-933-11	RES-CHIP	22	5%	1/16W
R2308	1-218-933-11	RES-CHIP	22	5%	1/16W
R2309	1-218-969-11	RES-CHIP	22K	5%	1/16W
R2310	1-218-933-11	RES-CHIP	22	5%	1/16W
R2311	1-218-969-11	RES-CHIP	22K	5%	1/16W
R2312	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2313	1-218-965-11	RES-CHIP	10K	5%	1/16W

REF. NO.	PART NO.	DESCRIPTION			REMARK
R2314	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2315	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2316	1-218-929-11	RES-CHIP	10	5%	1/16W
R2317	1-218-933-11	RES-CHIP	22	5%	1/16W
R2318	1-218-990-81	SHORT CHIP	0		
R2319	1-218-990-81	SHORT CHIP	0		
R2320	1-218-929-11	RES-CHIP	10	5%	1/16W
R2324	1-218-929-11	RES-CHIP	10	5%	1/16W
R2325	1-218-929-11	RES-CHIP	10	5%	1/16W
R2326	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R2327	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R2328	1-218-937-11	RES-CHIP	47	5%	1/16W
R2329	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R2330	1-218-937-11	RES-CHIP	47	5%	1/16W
R2331	1-218-953-11	RES-CHIP	1K	5%	1/16W
R2332	1-218-953-11	RES-CHIP	1K	5%	1/16W
R2334	1-218-953-11	RES-CHIP	1K	5%	1/16W
R2335	1-218-929-11	RES-CHIP	10	5%	1/16W
R2336	1-218-929-11	RES-CHIP	10	5%	1/16W
R2337	1-218-929-11	RES-CHIP	10	5%	1/16W
R2340	1-218-990-81	SHORT CHIP	0		
R2341	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2342	1-218-953-11	RES-CHIP	1K	5%	1/16W
R2343	1-218-969-11	RES-CHIP	22K	5%	1/16W
R2344	1-218-929-11	RES-CHIP	10	5%	1/16W
R2345	1-218-929-11	RES-CHIP	10	5%	1/16W
R2346	1-218-929-11	RES-CHIP	10	5%	1/16W
R2347	1-218-929-11	RES-CHIP	10	5%	1/16W
R2348	1-218-929-11	RES-CHIP	10	5%	1/16W
R2349	1-218-929-11	RES-CHIP	10	5%	1/16W
R2350	1-218-929-11	RES-CHIP	10	5%	1/16W
R2351	1-218-929-11	RES-CHIP	10	5%	1/16W
R2352	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2353	1-218-990-81	SHORT CHIP	0		
R2354	1-218-990-81	SHORT CHIP	0		
R2355	1-218-990-81	SHORT CHIP	0		
R2356	1-218-990-81	SHORT CHIP	0		
R2357	1-218-990-81	SHORT CHIP	0		
R2358	1-218-990-81	SHORT CHIP	0		
R2359	1-218-990-81	SHORT CHIP	0		
R2360	1-218-990-81	SHORT CHIP	0		
R2361	1-218-947-11	RES-CHIP	330	5%	1/16W
R2363	1-218-953-11	RES-CHIP	1K	5%	1/16W
R2364	1-218-969-11	RES-CHIP	22K	5%	1/16W
R2400	1-218-933-11	RES-CHIP	22	5%	1/16W
R2401	1-218-933-11	RES-CHIP	22	5%	1/16W
R2402	1-218-933-11	RES-CHIP	22	5%	1/16W
R2403	1-218-941-81	RES-CHIP	100	5%	1/16W
R2404	1-218-933-11	RES-CHIP	22	5%	1/16W
R2405	1-218-933-11	RES-CHIP	22	5%	1/16W
R2406	1-218-933-11	RES-CHIP	22	5%	1/16W
R2407	1-218-933-11	RES-CHIP	22	5%	1/16W
R2408	1-218-933-11	RES-CHIP	22	5%	1/16W
R2409	1-218-933-11	RES-CHIP	22	5%	1/16W
R2410	1-218-933-11	RES-CHIP	22	5%	1/16W
R2411	1-218-933-11	RES-CHIP	22	5%	1/16W
R2412	1-218-933-11	RES-CHIP	22	5%	1/16W
R2413	1-218-933-11	RES-CHIP	22	5%	1/16W
R2414	1-218-933-11	RES-CHIP	22	5%	1/16W
R2415	1-218-933-11	RES-CHIP	22	5%	1/16W
R2417	1-218-939-11	RES-CHIP	68	5%	1/16W
R2418	1-216-295-91	SHORT CHIP	0		
R2419	1-218-939-11	RES-CHIP	68	5%	1/16W
R2420	1-218-939-11	RES-CHIP	68	5%	1/16W
R2421	1-218-939-11	RES-CHIP	68	5%	1/16W
R2422	1-218-990-81	SHORT CHIP	0		
R2423	1-218-937-11	RES-CHIP	47	5%	1/16W
R2424	1-218-937-11	RES-CHIP	47	5%	1/16W
R2425	1-218-937-11	RES-CHIP	47	5%	1/16W
R2426	1-218-937-11	RES-CHIP	47	5%	1/16W
R2427	1-218-937-11	RES-CHIP	47	5%	1/16W
R2428	1-218-937-11	RES-CHIP	47	5%	1/16W
R2429	1-218-937-11	RES-CHIP	47	5%	1/16W
R2430	1-218-937-11	RES-CHIP	47	5%	1/16W
R2431	1-218-937-11	RES-CHIP	47	5%	1/16W
R2432	1-218-933-11	RES-CHIP	22	5%	1/16W
R2433	1-218-933-11	RES-CHIP	22	5%	1/16W
R2434	1-216-295-91	SHORT CHIP	0		
R2500	1-218-933-11	RES-CHIP	22	5%	1/16W
R2501	1-218-933-11	RES-CHIP	22	5%	1/16W
R2502	1-218-933-11	RES-CHIP	22	5%	1/16W
R2503	1-218-933-11	RES-CHIP	22	5%	1/16W
R2504	1-218-941-81	RES-CHIP	100	5%	1/16W
R2505	1-218-933-11	RES-CHIP	22	5%	1/16W
R2506	1-218-933-11	RES-CHIP	22	5%	1/16W
R2507	1-218-933-11	RES-CHIP	22	5%	1/16W
R2508	1-218-933-11	RES-CHIP	22	5%	1/16W
R2509	1-218-933-11	RES-CHIP	22	5%	1/16W
R2510	1-218-933-11	RES-CHIP	22	5%	1/16W
R2511	1-218-933-11	RES-CHIP	22	5%	1/16W
R2512	1-218-933-11	RES-CHIP	22	5%	1/16W
R2513	1-218-933-11	RES-CHIP	22	5%	1/16W
R2514	1-218-933-11	RES-CHIP	22	5%	1/16W
R2515	1-218-933-11	RES-CHIP	22	5%	1/16W
R2516	1-218-933-11	RES-CHIP	22	5%	1/16W
R2517	1-218-933-11	RES-CHIP	22	5%	1/16W
R2518	1-216-295-91	SHORT CHIP	0		
R2520	1-218-939-11	RES-CHIP	68	5%	1/16W
R2521	1-218-939-11	RES-CHIP	68	5%	1/16W
R2522	1-218-939-11	RES-CHIP	68	5%	1/16W
R2523	1-218-939-11	RES-CHIP	68	5%	1/16W
R2524	1-218-990-81	SHORT CHIP	0		
R2525	1-218-937-11	RES-CHIP	47	5%	1/16W
R2526	1-218-937-11	RES-CHIP	47	5%	1/16W
R2527	1-218-937-11	RES-CHIP	47	5%	1/16W
R2528	1-218-937-11	RES-CHIP	47	5%	1/16W
R2529	1-218-937-11	RES-CHIP	47	5%	1/16W
R2530	1-218-937-11	RES-CHIP	47	5%	1/16W
R2531	1-218-937-11	RES-CHIP	47	5%	1/16W
R2532	1-218-937-11	RES-CHIP	47	5%	1/16W
R2533	1-218-937-11	RES-CHIP	47	5%	1/16W
R2534	1-216-295-91	SHORT CHIP	0		
R2600	1-218-933-11	RES-CHIP	22	5%	1/16W
R2601	1-218-933-11	RES-CHIP	22	5%	1/16W
R2602	1-218-933-11	RES-CHIP	22	5%	1/16W
R2603	1-218-933-11	RES-CHIP	22	5%	1/16W
R2604	1-218-943-11	RES-CHIP	150	5%	1/16W
R2605	1-218-941-81	RES-CHIP	100	5%	1/16W
R2606	1-218-941-81	RES-CHIP	100	5%	1/16W
R2607	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2608	1-218-929-11	RES-CHIP	10	5%	1/16W
R2611	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2612	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2613	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2614	1-218-941-81	RES-CHIP	100	5%	1/16W
R2615	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2616	1-218-929-11	RES-CHIP	10	5%	1/16W

REF. NO.	PART NO.	DESCRIPTION			REMARK
R2619	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2620	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2622	1-218-929-11	RES-CHIP	10	5%	1/16W
R2623	1-218-941-81	RES-CHIP	100	5%	1/16W
R2624	1-218-941-81	RES-CHIP	100	5%	1/16W
R2625	1-218-941-81	RES-CHIP	100	5%	1/16W
R2626	1-218-941-81	RES-CHIP	100	5%	1/16W
R2627	1-218-941-81	RES-CHIP	100	5%	1/16W
R2628	1-218-941-81	RES-CHIP	100	5%	1/16W
R2629	1-218-941-81	RES-CHIP	100	5%	1/16W
R2630	1-218-941-81	RES-CHIP	100	5%	1/16W
R2631	1-218-941-81	RES-CHIP	100	5%	1/16W
R2632	1-218-941-81	RES-CHIP	100	5%	1/16W
R2633	1-218-967-11	RES-CHIP	15K	5%	1/16W
R2634	1-218-941-81	RES-CHIP	100	5%	1/16W
R2635	1-218-941-81	RES-CHIP	100	5%	1/16W
R2636	1-218-990-81	SHORT CHIP	0		
R2637	1-218-941-81	RES-CHIP	100	5%	1/16W
R2638	1-218-941-81	RES-CHIP	100	5%	1/16W
R2639	1-218-941-81	RES-CHIP	100	5%	1/16W
R2640	1-218-941-81	RES-CHIP	100	5%	1/16W
R2641	1-218-941-81	RES-CHIP	100	5%	1/16W
R2642	1-218-941-81	RES-CHIP	100	5%	1/16W
R2643	1-218-941-81	RES-CHIP	100	5%	1/16W
R2644	1-218-941-81	RES-CHIP	100	5%	1/16W
R2645	1-218-941-81	RES-CHIP	100	5%	1/16W
R2646	1-218-941-81	RES-CHIP	100	5%	1/16W
R2647	1-218-941-81	RES-CHIP	100	5%	1/16W
R2648	1-218-967-11	RES-CHIP	15K	5%	1/16W
R2649	1-218-941-81	RES-CHIP	100	5%	1/16W
R2650	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R2651	1-218-990-81	SHORT CHIP	0		
R2652	1-218-969-11	RES-CHIP	22K	5%	1/16W
R2654	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R2656	1-218-970-11	RES-CHIP	27K	5%	1/16W
R2657	1-218-969-11	RES-CHIP	22K	5%	1/16W
R2658	1-218-970-11	RES-CHIP	27K	5%	1/16W
R2659	1-218-929-11	RES-CHIP	10	5%	1/16W
R2660	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R2661	1-218-929-11	RES-CHIP	10	5%	1/16W
R2662	1-218-929-11	RES-CHIP	10	5%	1/16W
R2664	1-218-969-11	RES-CHIP	22K	5%	1/16W
R2665	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2666	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2667	1-218-990-81	SHORT CHIP	0		
R2668	1-218-990-81	SHORT CHIP	0		
R2670	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R2671	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2672	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2673	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2674	1-218-990-81	SHORT CHIP	0		
R2675	1-218-990-81	SHORT CHIP	0		
R2676	1-216-864-11	SHORT CHIP	0		
R2677	1-218-969-11	RES-CHIP	22K	5%	1/16W
R2678	1-218-953-11	RES-CHIP	1K	5%	1/16W
R2679	1-218-951-11	RES-CHIP	680	5%	1/16W
R2680	1-218-953-11	RES-CHIP	1K	5%	1/16W
R2681	1-208-703-11	METAL CHIP	6.8K	0.5%	1/16W
R2682	1-208-923-11	METAL CHIP	33K	0.5%	1/16W
R2683	1-218-849-11	METAL CHIP	1.2K	0.5%	1/16W
R2684	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2685	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2686	1-216-864-11	SHORT CHIP	0		

REF. NO.	PART NO.	DESCRIPTION			REMARK
R2691	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2692	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2693	1-218-990-81	SHORT CHIP	0		
R2696	1-218-953-11	RES-CHIP	1K	5%	1/16W
R2697	1-218-953-11	RES-CHIP	1K	5%	1/16W
R2698	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2700	1-218-933-11	RES-CHIP	22	5%	1/16W
R2701	1-218-933-11	RES-CHIP	22	5%	1/16W
R2702	1-218-933-11	RES-CHIP	22	5%	1/16W
R2703	1-218-933-11	RES-CHIP	22	5%	1/16W
R2704	1-218-943-11	RES-CHIP	150	5%	1/16W
R2705	1-218-943-11	RES-CHIP	150	5%	1/16W
R2706	1-218-941-81	RES-CHIP	100	5%	1/16W
R2707	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2708	1-218-929-11	RES-CHIP	10	5%	1/16W
R2710	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2713	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2714	1-218-941-81	RES-CHIP	100	5%	1/16W
R2715	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2716	1-218-929-11	RES-CHIP	10	5%	1/16W
R2717	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2719	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2721	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2722	1-218-929-11	RES-CHIP	10	5%	1/16W
R2723	1-218-941-81	RES-CHIP	100	5%	1/16W
R2724	1-218-941-81	RES-CHIP	100	5%	1/16W
R2725	1-218-941-81	RES-CHIP	100	5%	1/16W
R2726	1-218-941-81	RES-CHIP	100	5%	1/16W
R2727	1-218-941-81	RES-CHIP	100	5%	1/16W
R2728	1-218-941-81	RES-CHIP	100	5%	1/16W
R2729	1-218-941-81	RES-CHIP	100	5%	1/16W
R2730	1-218-941-81	RES-CHIP	100	5%	1/16W
R2731	1-218-941-81	RES-CHIP	100	5%	1/16W
R2732	1-218-941-81	RES-CHIP	100	5%	1/16W
R2733	1-218-967-11	RES-CHIP	15K	5%	1/16W
R2734	1-218-941-81	RES-CHIP	100	5%	1/16W
R2735	1-218-941-81	RES-CHIP	100	5%	1/16W
R2736	1-218-941-81	RES-CHIP	100	5%	1/16W
R2737	1-218-941-81	RES-CHIP	100	5%	1/16W
R2738	1-218-941-81	RES-CHIP	100	5%	1/16W
R2739	1-218-941-81	RES-CHIP	100	5%	1/16W
R2740	1-218-941-81	RES-CHIP	100	5%	1/16W
R2741	1-218-941-81	RES-CHIP	100	5%	1/16W
R2742	1-218-941-81	RES-CHIP	100	5%	1/16W
R2743	1-218-941-81	RES-CHIP	100	5%	1/16W
R2744	1-218-941-81	RES-CHIP	100	5%	1/16W
R2745	1-218-941-81	RES-CHIP	100	5%	1/16W
R2746	1-218-941-81	RES-CHIP	100	5%	1/16W
R2747	1-218-967-11	RES-CHIP	15K	5%	1/16W
R2748	1-218-941-81	RES-CHIP	100	5%	1/16W
R2749	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R2750	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2751	1-218-969-11	RES-CHIP	22K	5%	1/16W
R2753	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R2755	1-218-970-11	RES-CHIP	27K	5%	1/16W
R2756	1-218-969-11	RES-CHIP	22K	5%	1/16W
R2757	1-218-970-11	RES-CHIP	27K	5%	1/16W
R2758	1-218-929-11	RES-CHIP	10	5%	1/16W
R2759	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R2760	1-218-929-11	RES-CHIP	10	5%	1/16W
R2761	1-218-929-11	RES-CHIP	10	5%	1/16W
R2763	1-218-969-11	RES-CHIP	22K	5%	1/16W
R2765	1-218-990-81	SHORT CHIP	0		
R2767	1-218-961-11	RES-CHIP	4.7K	5%	1/16W

REF. NO.	PART NO.	DESCRIPTION			REMARK
R2768	1-218-990-81	SHORT CHIP	0		
R2769	1-216-864-11	SHORT CHIP	0		
R2770	1-218-969-11	RES-CHIP	22K	5%	1/16W
R2771	1-218-953-11	RES-CHIP	1K	5%	1/16W
R2772	1-218-951-11	RES-CHIP	680	5%	1/16W
R2773	1-218-953-11	RES-CHIP	1K	5%	1/16W
R2774	1-208-703-11	METAL CHIP	6.8K	0.5%	1/16W
R2775	1-208-923-11	METAL CHIP	33K	0.5%	1/16W
R2776	1-218-849-11	METAL CHIP	1.2K	0.5%	1/16W
R2777	1-216-864-11	SHORT CHIP	0		
R2784	1-218-953-11	RES-CHIP	1K	5%	1/16W
R2785	1-218-953-11	RES-CHIP	1K	5%	1/16W
R2786	1-218-990-81	SHORT CHIP	0		
R2787	1-218-990-81	SHORT CHIP	0		
R2789	1-218-951-11	RES-CHIP	680	5%	1/16W
R2790	1-218-951-11	RES-CHIP	680	5%	1/16W
R2791	1-218-951-11	RES-CHIP	680	5%	1/16W
R2792	1-218-951-11	RES-CHIP	680	5%	1/16W
R2800	1-218-933-11	RES-CHIP	22	5%	1/16W
R2801	1-218-933-11	RES-CHIP	22	5%	1/16W
R2802	1-218-933-11	RES-CHIP	22	5%	1/16W
R2803	1-218-933-11	RES-CHIP	22	5%	1/16W
R2804	1-218-943-11	RES-CHIP	150	5%	1/16W
R2805	1-218-943-11	RES-CHIP	150	5%	1/16W
R2806	1-218-941-81	RES-CHIP	100	5%	1/16W
R2807	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2808	1-218-929-11	RES-CHIP	10	5%	1/16W
R2809	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2813	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2814	1-218-941-81	RES-CHIP	100	5%	1/16W
R2815	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2816	1-218-929-11	RES-CHIP	10	5%	1/16W
R2817	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2818	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2819	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2822	1-218-929-11	RES-CHIP	10	5%	1/16W
R2823	1-218-941-81	RES-CHIP	100	5%	1/16W
R2824	1-218-941-81	RES-CHIP	100	5%	1/16W
R2825	1-218-941-81	RES-CHIP	100	5%	1/16W
R2826	1-218-941-81	RES-CHIP	100	5%	1/16W
R2827	1-218-941-81	RES-CHIP	100	5%	1/16W
R2828	1-218-941-81	RES-CHIP	100	5%	1/16W
R2829	1-218-941-81	RES-CHIP	100	5%	1/16W
R2830	1-218-941-81	RES-CHIP	100	5%	1/16W
R2831	1-218-941-81	RES-CHIP	100	5%	1/16W
R2832	1-218-941-81	RES-CHIP	100	5%	1/16W
R2833	1-218-967-11	RES-CHIP	15K	5%	1/16W
R2834	1-218-941-81	RES-CHIP	100	5%	1/16W
R2835	1-218-941-81	RES-CHIP	100	5%	1/16W
R2836	1-218-941-81	RES-CHIP	100	5%	1/16W
R2837	1-218-941-81	RES-CHIP	100	5%	1/16W
R2838	1-218-941-81	RES-CHIP	100	5%	1/16W
R2839	1-218-941-81	RES-CHIP	100	5%	1/16W
R2840	1-218-941-81	RES-CHIP	100	5%	1/16W
R2841	1-218-941-81	RES-CHIP	100	5%	1/16W
R2842	1-218-941-81	RES-CHIP	100	5%	1/16W
R2843	1-218-941-81	RES-CHIP	100	5%	1/16W
R2844	1-218-941-81	RES-CHIP	100	5%	1/16W
R2845	1-218-941-81	RES-CHIP	100	5%	1/16W
R2846	1-218-941-81	RES-CHIP	100	5%	1/16W
R2847	1-218-967-11	RES-CHIP	15K	5%	1/16W
R2848	1-218-941-81	RES-CHIP	100	5%	1/16W
R2849	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R2850	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2851	1-218-969-11	RES-CHIP	22K	5%	1/16W
R2853	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R2855	1-218-970-11	RES-CHIP	27K	5%	1/16W
R2856	1-218-969-11	RES-CHIP	22K	5%	1/16W
R2857	1-218-970-11	RES-CHIP	27K	5%	1/16W
R2858	1-218-929-11	RES-CHIP	10	5%	1/16W
R2859	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R2860	1-218-929-11	RES-CHIP	10	5%	1/16W
R2861	1-218-929-11	RES-CHIP	10	5%	1/16W
R2863	1-218-969-11	RES-CHIP	22K	5%	1/16W
R2864	1-218-951-11	RES-CHIP	680	5%	1/16W
R2865	1-218-990-81	SHORT CHIP	0		
R2867	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R2868	1-218-990-81	SHORT CHIP	0		
R2869	1-216-864-11	SHORT CHIP	0		
R2870	1-218-969-11	RES-CHIP	22K	5%	1/16W
R2871	1-218-953-11	RES-CHIP	1K	5%	1/16W
R2872	1-218-951-11	RES-CHIP	680	5%	1/16W
R2873	1-218-953-11	RES-CHIP	1K	5%	1/16W
R2874	1-208-703-11	METAL CHIP	6.8K	0.5%	1/16W
R2875	1-208-923-11	METAL CHIP	33K	0.5%	1/16W
R2876	1-218-849-11	METAL CHIP	1.2K	0.5%	1/16W
R2877	1-216-864-11	SHORT CHIP	0		
R2884	1-218-990-81	SHORT CHIP	0		
R2885	1-218-990-81	SHORT CHIP	0		
R2886	1-218-953-11	RES-CHIP	1K	5%	1/16W
R2887	1-218-953-11	RES-CHIP	1K	5%	1/16W
R2889	1-218-951-11	RES-CHIP	680	5%	1/16W
R2901	1-218-732-11	METAL CHIP	47K	0.5%	1/10W
R2902	1-218-684-11	METAL CHIP	470	0.5%	1/10W
R2903	1-218-929-11	RES-CHIP	10	5%	1/16W
R2904	1-218-710-11	METAL CHIP	5.6K	0.5%	1/10W
R2905	1-218-692-11	METAL CHIP	1K	0.5%	1/10W
R2906	1-218-911-11	METAL CHIP	470K	0.5%	1/10W
R2909	1-218-716-11	METAL CHIP	10K	0.5%	1/10W
R2911	1-218-692-11	METAL CHIP	1K	0.5%	1/10W
R2912	1-218-728-11	METAL CHIP	33K	0.5%	1/10W
R2913	1-218-716-11	METAL CHIP	10K	0.5%	1/10W
R2917	1-218-716-11	METAL CHIP	10K	0.5%	1/10W
R2919	1-218-684-11	METAL CHIP	470	0.5%	1/10W
R2920	1-218-692-11	METAL CHIP	1K	0.5%	1/10W
R2921	1-218-692-11	METAL CHIP	1K	0.5%	1/10W
R2922	1-218-668-11	METAL CHIP	100	0.5%	1/10W
R2923	1-218-692-11	METAL CHIP	1K	0.5%	1/10W
R2924	1-218-740-11	METAL CHIP	100K	0.5%	1/10W
R2926	1-218-911-11	METAL CHIP	470K	0.5%	1/10W
R2927	1-218-708-11	METAL CHIP	4.7K	0.5%	1/10W
R2928	1-218-692-11	METAL CHIP	1K	0.5%	1/10W
R2929	1-218-716-11	METAL CHIP	10K	0.5%	1/10W
R2930	1-218-716-11	METAL CHIP	10K	0.5%	1/10W
R2931	1-218-732-11	METAL CHIP	47K	0.5%	1/10W
R2932	1-218-732-11	METAL CHIP	47K	0.5%	1/10W
R2933	1-218-740-11	METAL CHIP	100K	0.5%	1/10W
R2934	1-218-740-11	METAL CHIP	100K	0.5%	1/10W
R2935	1-216-864-11	SHORT CHIP	0		
R2936	1-218-740-11	METAL CHIP	100K	0.5%	1/10W
R2937	1-216-864-11	SHORT CHIP	0		
R2938	1-216-864-11	SHORT CHIP	0		
R2939	1-216-864-11	SHORT CHIP	0		
R2940	1-218-668-11	METAL CHIP	100	0.5%	1/10W
R2941	1-216-864-11	SHORT CHIP	0		
R2942	1-218-668-11	METAL CHIP	100	0.5%	1/10W

REF. NO.	PART NO.	DESCRIPTION			REMARK
R2943	1-216-864-11	SHORT CHIP	0		
R2944	1-216-864-11	SHORT CHIP	0		
R2970	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2971	1-218-933-11	RES-CHIP	22	5%	1/16W
R2972	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2973	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2974	1-218-933-11	RES-CHIP	22	5%	1/16W
R2975	1-218-933-11	RES-CHIP	22	5%	1/16W
R2976	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2977	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2978	1-218-933-11	RES-CHIP	22	5%	1/16W
R2979	1-218-933-11	RES-CHIP	22	5%	1/16W
R2980	1-218-933-11	RES-CHIP	22	5%	1/16W
R2981	1-218-933-11	RES-CHIP	22	5%	1/16W
R2982	1-218-933-11	RES-CHIP	22	5%	1/16W
R2983	1-218-933-11	RES-CHIP	22	5%	1/16W
R2984	1-218-933-11	RES-CHIP	22	5%	1/16W
R2985	1-218-933-11	RES-CHIP	22	5%	1/16W
R2986	1-218-933-11	RES-CHIP	22	5%	1/16W
R2987	1-218-937-11	RES-CHIP	47	5%	1/16W
R2989	1-218-937-11	RES-CHIP	47	5%	1/16W
R2991	1-218-937-11	RES-CHIP	47	5%	1/16W
R2994	1-218-990-81	SHORT CHIP	0		

< NETWORK RESISTOR >

RB2000	1-234-378-11	RES, NETWORK 10K	(1005X4)
RB2100	1-234-379-21	RES, NETWORK 22K	(1005X4)
RB2102	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2103	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2104	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2105	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2106	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2107	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2108	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2109	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2110	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2111	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2112	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2113	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2114	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2115	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2116	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2117	1-234-379-21	RES, NETWORK 22K	(1005X4)
RB2118	1-234-379-21	RES, NETWORK 22K	(1005X4)
RB2119	1-234-379-21	RES, NETWORK 22K	(1005X4)
RB2120	1-234-379-21	RES, NETWORK 22K	(1005X4)
RB2121	1-234-379-21	RES, NETWORK 22K	(1005X4)
RB2122	1-234-379-21	RES, NETWORK 22K	(1005X4)
RB2123	1-234-379-21	RES, NETWORK 22K	(1005X4)
RB2124	1-234-379-21	RES, NETWORK 22K	(1005X4)
RB2125	1-234-379-21	RES, NETWORK 22K	(1005X4)
RB2126	1-234-379-21	RES, NETWORK 22K	(1005X4)
RB2127	1-234-379-21	RES, NETWORK 22K	(1005X4)
RB2128	1-234-379-21	RES, NETWORK 22K	(1005X4)
RB2129	1-234-379-21	RES, NETWORK 22K	(1005X4)
RB2130	1-234-379-21	RES, NETWORK 22K	(1005X4)
RB2200	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2201	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2202	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2203	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2204	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2205	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2206	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2207	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2208	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2209	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2210	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2211	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2212	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2213	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2214	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2215	1-234-963-21	RES, NETWORK 33	(1005X4)
RB2216	1-234-963-21	RES, NETWORK 33	(1005X4)
RB2217	1-234-963-21	RES, NETWORK 33	(1005X4)
RB2218	1-234-963-21	RES, NETWORK 33	(1005X4)
RB2219	1-234-963-21	RES, NETWORK 33	(1005X4)
RB2220	1-234-963-21	RES, NETWORK 33	(1005X4)
RB2221	1-234-945-21	RES, NETWORK 100	(1005X4)
RB2222	1-234-945-21	RES, NETWORK 100	(1005X4)
RB2223	1-234-945-21	RES, NETWORK 100	(1005X4)
RB2224	1-234-945-21	RES, NETWORK 100	(1005X4)
RB2225	1-234-945-21	RES, NETWORK 100	(1005X4)
RB2226	1-234-945-21	RES, NETWORK 100	(1005X4)
RB2227	1-234-945-21	RES, NETWORK 100	(1005X4)
RB2228	1-234-945-21	RES, NETWORK 100	(1005X4)
RB2229	1-234-945-21	RES, NETWORK 100	(1005X4)
RB2230	1-234-945-21	RES, NETWORK 100	(1005X4)
RB2231	1-234-945-21	RES, NETWORK 100	(1005X4)
RB2232	1-234-945-21	RES, NETWORK 100	(1005X4)
RB2300	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2301	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2302	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2303	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2304	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2305	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2306	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2307	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2308	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2309	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2310	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2311	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2312	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2313	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2314	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2315	1-234-963-21	RES, NETWORK 33	(1005X4)
RB2316	1-234-963-21	RES, NETWORK 33	(1005X4)
RB2317	1-234-963-21	RES, NETWORK 33	(1005X4)
RB2318	1-234-963-21	RES, NETWORK 33	(1005X4)
RB2319	1-234-963-21	RES, NETWORK 33	(1005X4)
RB2320	1-234-963-21	RES, NETWORK 33	(1005X4)
RB2321	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2322	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2323	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2324	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2325	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2326	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2327	1-234-945-21	RES, NETWORK 100	(1005X4)
RB2328	1-234-791-21	RES, NETWORK 150X4	(2010)
RB2329	1-234-791-21	RES, NETWORK 150X4	(2010)
RB2330	1-234-791-21	RES, NETWORK 150X4	(2010)
RB2331	1-234-791-21	RES, NETWORK 150X4	(2010)
RB2332	1-234-791-21	RES, NETWORK 150X4	(2010)
RB2400	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2401	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2402	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2403	1-234-943-21	RES, NETWORK 22	(1005X4)

REF. NO.	PART NO.	DESCRIPTION	REMARK
RB2404	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2405	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2406	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2407	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2408	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2409	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2410	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2411	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2412	1-234-702-11	RES, NETWORK 68	(1005X4)
RB2413	1-234-702-11	RES, NETWORK 68	(1005X4)
RB2414	1-234-702-11	RES, NETWORK 68	(1005X4)
RB2415	1-234-702-11	RES, NETWORK 68	(1005X4)
RB2416	1-234-702-11	RES, NETWORK 68	(1005X4)
RB2417	1-234-702-11	RES, NETWORK 68	(1005X4)
RB2418	1-234-702-11	RES, NETWORK 68	(1005X4)
RB2419	1-234-702-11	RES, NETWORK 68	(1005X4)
RB2420	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2421	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2422	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2423	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2424	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2425	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2426	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2427	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2428	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2429	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2430	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2431	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2432	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2500	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2501	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2502	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2503	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2504	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2505	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2506	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2507	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2508	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2509	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2510	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2511	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2512	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2513	1-234-702-11	RES, NETWORK 68	(1005X4)
RB2514	1-234-702-11	RES, NETWORK 68	(1005X4)
RB2515	1-234-702-11	RES, NETWORK 68	(1005X4)
RB2516	1-234-702-11	RES, NETWORK 68	(1005X4)
RB2517	1-234-702-11	RES, NETWORK 68	(1005X4)
RB2518	1-234-702-11	RES, NETWORK 68	(1005X4)
RB2519	1-234-702-11	RES, NETWORK 68	(1005X4)
RB2520	1-234-702-11	RES, NETWORK 68	(1005X4)
RB2521	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2522	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2523	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2524	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2525	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2526	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2527	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2528	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2529	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2530	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2531	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2532	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2600	1-234-945-21	RES, NETWORK 100	(1005X4)
RB2601	1-234-945-21	RES, NETWORK 100	(1005X4)
RB2602	1-234-378-11	RES, NETWORK 10K	(1005X4)
RB2700	1-234-945-21	RES, NETWORK 100	(1005X4)
RB2701	1-234-945-21	RES, NETWORK 100	(1005X4)
RB2702	1-234-378-11	RES, NETWORK 10K	(1005X4)
RB2800	1-234-945-21	RES, NETWORK 100	(1005X4)
RB2801	1-234-945-21	RES, NETWORK 100	(1005X4)
RB2802	1-234-378-11	RES, NETWORK 10K	(1005X4)

< TEST POINT >

TP2000	1-535-757-11	CHIP, CHECKER	
TP2002	1-535-757-11	CHIP, CHECKER	
TP2005	1-535-757-11	CHIP, CHECKER	
TP2006	1-535-757-11	CHIP, CHECKER	
TP2100	1-535-757-11	CHIP, CHECKER	
TP2101	1-535-757-11	CHIP, CHECKER	
TP2200	1-535-757-11	CHIP, CHECKER	
TP2201	1-535-757-11	CHIP, CHECKER	
TP2202	1-535-757-11	CHIP, CHECKER	
TP2203	1-535-757-11	CHIP, CHECKER	
TP2204	1-535-757-11	CHIP, CHECKER	
TP2205	1-535-757-11	CHIP, CHECKER	
TP2206	1-535-757-11	CHIP, CHECKER	
TP2600	1-535-757-11	CHIP, CHECKER	
TP2601	1-535-757-11	CHIP, CHECKER	
TP2602	1-535-757-11	CHIP, CHECKER	
TP2700	1-535-757-11	CHIP, CHECKER	
TP2701	1-535-757-11	CHIP, CHECKER	
TP2702	1-535-757-11	CHIP, CHECKER	
TP2800	1-535-757-11	CHIP, CHECKER	
TP2801	1-535-757-11	CHIP, CHECKER	
TP2802	1-535-757-11	CHIP, CHECKER	

< VIBRATOR >

X2200	1-781-975-21	OSCILLATOR, CRYSTAL

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	A-1186-654-A	G BOARD, COMPLETE
		**********
	1-533-223-11	FUSE HOLDER
	2-580-594-01	SCREW, +PSW M3X12
*	4-042-408-02	PIN(45), WIRE
	4-382-854-01	SCREW (M3X8), P, SW (+)

< CAPACITOR >

C6000	1-161-964-91	CERAMIC	0.0047µF	250V	
C6002 ⚠	1-119-892-51	CERAMIC	470pF	10%	250V
C6003	1-161-964-91	CERAMIC	0.0047µF	250V	
C6006 ⚠	1-119-892-51	CERAMIC	470pF	10%	250V
C6007	1-117-753-11	ELECT(BLOCK)	470µF	20%	450V
C6009 ⚠	1-165-529-31	MYLAR	0.22µF	10	0V
C6011	1-163-021-91	CERAMIC CHIP	0.01µF	10%	50V
C6016 ⚠	1-165-530-21	MYLAR	0.47µF	10	0V
C6017 ⚠	1-165-530-21	MYLAR	0.47µF	10	0V
C6100	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C6101	1-107-905-11	ELECT	4.7µF	20%	50V
C6102	1-107-910-11	ELECT	100µF	20%	35V
C6103	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C6104	1-100-831-91	CERAMIC CHIP	0.001µF	2%	50V
C6105	1-107-906-11	ELECT	10µF	20%	50V
C6108	1-115-340-11	CERAMIC CHIP	0.22µF	10%	25V
C6109	1-107-888-11	ELECT	47µF	20%	25V
C6111	1-100-613-81	CERAMIC	470pF	5%	1KV

REF. NO.	PART NO.	DESCRIPTION			REMARK
C6112	1-100-919-11	FILM	0.027µF	3%	1KV
C6116	1-163-021-91	CERAMIC CHIP	0.01µF	10%	50V
C6200	1-164-315-11	CERAMIC CHIP	470pF	5%	50V
C6201	1-164-315-11	CERAMIC CHIP	470pF	5%	50V
C6202	1-164-315-11	CERAMIC CHIP	470pF	5%	50V
C6203	1-164-315-11	CERAMIC CHIP	470pF	5%	50V
C6204	1-164-315-11	CERAMIC CHIP	470pF	5%	50V
C6205	1-164-315-11	CERAMIC CHIP	470pF	5%	50V
C6206	1-164-315-11	CERAMIC CHIP	470pF	5%	50V
C6207	1-128-953-31	ELECT	470µF	20%	25V
C6208	1-164-315-11	CERAMIC CHIP	470pF	5%	50V
C6209	1-164-315-11	CERAMIC CHIP	470pF	5%	50V
C6210	1-164-315-11	CERAMIC CHIP	470pF	5%	50V
C6211	1-164-315-11	CERAMIC CHIP	470pF	5%	50V
C6212	1-164-315-11	CERAMIC CHIP	470pF	5%	50V
C6213	1-164-315-11	CERAMIC CHIP	470pF	5%	50V
C6214	1-164-315-11	CERAMIC CHIP	470pF	5%	50V
C6215	1-112-241-21	ELECT	1000µF	20%	25V
C6216	1-165-176-11	CERAMIC CHIP	0.047µF	10%	16V
C6217	1-164-315-11	CERAMIC CHIP	470pF	5%	50V
C6218	1-164-315-11	CERAMIC CHIP	470pF	5%	50V
C6219	1-112-221-21	ELECT	1800µF	20%	10V
C6220	1-112-241-21	ELECT	1000µF	20%	25V
C6221	1-112-231-21	ELECT	2200µF	20%	16V
C6222	1-164-315-11	CERAMIC CHIP	470pF	5%	50V
C6223	1-164-315-11	CERAMIC CHIP	470pF	5%	50V
C6224	1-112-221-21	ELECT	1800µF	20%	10V
C6228	1-100-591-91	CERAMIC CHIP	1µF	10%	25V
C6229	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
C6230	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
C6300	1-161-964-91	CERAMIC	0.0047µF	250V	
C6301	1-161-964-91	CERAMIC	0.0047µF	250V	
C6303	1-100-780-31	ELECT	22µF	20%	450V
C6304	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6306	1-107-902-11	ELECT	1µF	20%	50V
C6307	1-107-903-11	ELECT	2.2µF	20%	50V
C6308	1-100-139-41	FILM	0.001µF	5%	630V
C6309	1-107-910-11	ELECT	100µF	20%	50V
C6311	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C6312	1-165-729-31	ELECT	470µF	20%	16V
C6313	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6314	1-107-882-91	ELECT	100µF	20%	16V
C6400	1-107-902-11	ELECT	1µF	20%	50V
C6401	1-107-882-91	ELECT	100µF	20%	16V
C6402	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6403	1-107-902-11	ELECT	1µF	20%	50V
C6404	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6406	1-162-968-11	CERAMIC CHIP	0.0047µF	10%	50V
C6407	1-162-974-11	CERAMIC CHIP	0.01µF		50V
C6412	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C6413	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C6500	1-117-227-11	MYLAR	1µF	10%	450V
C6501	1-163-021-91	CERAMIC CHIP	0.01µF	10%	50V
C6504 ⚠	1-112-188-11	MYLAR	1.5µF	5%	450V
C6505	1-100-613-81	CERAMIC	470pF	5%	1KV
C6506	1-100-613-81	CERAMIC	470pF	5%	1KV
C6518 ⚠	1-112-024-21	MYLAR	1µF	10%	450V
C6519	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C6520 ⚠	1-112-188-11	MYLAR	1.5µF	5%	450V
C6521	1-107-823-11	CERAMIC CHIP	0.47µF	10%	16V
C6522	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C6523	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C6524	1-162-915-11	CERAMIC CHIP	10pF	0.50PF	50V
C6525	1-115-339-11	CERAMIC CHIP	0.1µF	10%	50V
C6526	1-107-906-11	ELECT	10µF	20%	50V
C6528	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C6530	1-107-902-11	ELECT	1µF	20%	50V
C6531	1-163-021-91	CERAMIC CHIP	0.01µF	10%	50V
C6901	1-164-156-11	CERAMIC CHIP	0.1µF		25V
C6903	1-164-156-11	CERAMIC CHIP	0.1µF		25V
C6905	1-126-935-11	ELECT	470µF	20%	16V
C6906	1-126-935-11	ELECT	470µF	20%	16V
C6907	1-126-947-11	ELECT	47µF	20%	25V
C6909	1-126-947-11	ELECT	47µF	20%	25V
C6911	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C6913	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C6916	1-126-947-11	ELECT	47µF	20%	25V
C6918	1-126-947-11	ELECT	47µF	20%	25V
C6919	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C6921	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C6931	1-162-974-11	CERAMIC CHIP	0.01µF		50V
C6932	1-162-974-11	CERAMIC CHIP	0.01µF		50V
C6933	1-162-974-11	CERAMIC CHIP	0.01µF		50V
C6934	1-162-974-11	CERAMIC CHIP	0.01µF		50V
C6936	1-162-974-11	CERAMIC CHIP	0.01µF		50V
C6939	1-162-974-11	CERAMIC CHIP	0.01µF		50V
C6947	1-100-597-91	CERAMIC CHIP	0.1µF	10%	25V
C6948	1-100-597-91	CERAMIC CHIP	0.1µF	10%	25V

< CONNECTOR >

CN6001*	1-580-843-11	PIN, CONNECTOR (POWER)
CN6003	1-695-915-11	TAB (CONTACT)
CN6004	1-695-915-11	TAB (CONTACT)
CN6100	1-695-915-11	TAB (CONTACT)
CN6501*	1-691-960-21	PIN, CONNECTOR (PC BOARD) 3P
CN6900	1-819-443-11	HEADER ASEEMBLY FOR PWB 15P
CN6902*	1-778-391-11	SOCKET, PC CONNECTOR 96P

< DIODE >

D6000	8-719-054-89	DIODE	D15XB60
D6001	8-719-948-45	DIODE	ERA22-08
D6002	8-719-081-97	DIODE	MMDL914T1
D6102	8-719-081-67	DIODE	M1FM3
D6103	8-719-979-64	DIODE	UF4005/23
D6104	6-501-043-01	DIODE	UMZ16NT106
D6105	6-501-043-01	DIODE	UMZ16NT106
D6106	8-719-081-67	DIODE	M1FM3
D6107	8-719-081-67	DIODE	M1FM3
D6108	8-719-041-97	DIODE	MA113-(TX)
D6109	6-500-030-01	DIODE	MM3Z16VST1
D6200	8-719-510-09	DIODE	D10SC6M
D6201	8-719-510-73	DIODE	S3L20UF4
D6202	8-719-060-88	DIODE	D4SBS6
D6203	8-719-510-09	DIODE	D10SC6M
D6204	8-719-510-09	DIODE	D10SC6M
D6205	8-719-510-09	DIODE	D10SC6M
D6206	8-719-082-01	DIODE	MM3Z12VT1
D6207	8-719-081-97	DIODE	MMDL914T1
D6300	8-719-077-76	DIODE	D2SB60A-F04
D6301	6-500-849-01	DIODE	ERA22-08KFLB
D6302	6-500-567-31	DIODE	10ERB20-TB3
D6303	6-500-567-31	DIODE	10ERB20-TB3
D6304	8-719-052-90	DIODE	D1NL40-TA2
D6305	6-501-526-01	DIODE	D1NS6-TR2

REF. NO.	PART NO.	DESCRIPTION	REMARK
D6400	8-719-081-97	DIODE MMDL914T1	
D6402	8-719-081-97	DIODE MMDL914T1	
D6501	6-501-043-01	DIODE UMZ16NT106	
D6503	6-501-043-01	DIODE UMZ16NT106	
D6504	8-719-074-43	DIODE BAS316-115	
D6506	8-719-054-59	DIODE FSF05A60	
D6509	8-719-074-43	DIODE BAS316-115	
D6510	6-500-137-01	DIODE BAT54HT1	
D6511	8-719-081-97	DIODE MMDL914T1	
D6512	8-719-081-97	DIODE MMDL914T1	
D6513	8-719-081-97	DIODE MMDL914T1	
D6900	6-500-335-01	DIODE MC2838-T112-1	
D6901	6-500-335-01	DIODE MC2838-T112-1	
D6902	6-500-335-01	DIODE MC2838-T112-1	
D6904	6-500-335-01	DIODE MC2838-T112-1	
		< FUSE >	
F6000 ⚠	1-576-233-51	FUSE 6.3A 250V	
		< FERRITE BEAD >	
FB6000	1-410-397-21	FERRITE 1.1µH	
FB6001	1-410-397-21	FERRITE 1.1µH	
FB6002	1-410-397-21	FERRITE 1.1µH	
FB6003	1-410-397-21	FERRITE 1.1µH	
FB6100	1-410-397-21	FERRITE 1.1µH	
FB6200	1-410-397-21	FERRITE 1.1µH	
FB6201	1-410-397-21	FERRITE 1.1µH	
FB6202	1-410-397-21	FERRITE 1.1µH	
FB6203	1-410-397-21	FERRITE 1.1µH	
		< FILTER >	
FL6902	1-234-494-21	FILTER, EMI REMOVAL (SMD)	
FL6903	1-234-494-21	FILTER, EMI REMOVAL (SMD)	
		< IC >	
IC6100	6-706-852-01	IC CXD9841M	
IC6200	6-709-368-01	IC MM1431ATT (CN)	
IC6202	6-708-762-01	IC PQ200WNA1ZPH	
IC6300	6-708-801-01	IC MIP2H2	
IC6301	6-709-368-01	IC MM1431ATT (CN)	
IC6401	6-709-368-01	IC MM1431ATT (CN)	
IC6402	6-709-368-01	IC MM1431ATT (CN)	
IC6502	6-709-192-01	IC FA5501AN-D1-TE1	
IC6900	6-704-967-01	IC PQ20RX11J00H	
IC6902	6-708-762-01	IC PQ200WNA1ZPH	
		< COIL >	
L6001 ⚠	1-456-856-21	LINE FILTER COIL	
L6002 ⚠	1-456-856-21	LINE FILTER COIL	
L6200	1-412-521-31	INDUCTOR 4.7µH	
L6201	1-412-537-31	INDUCTOR 100µH	
L6202	1-406-971-21	INDUCTOR 10µH	
L6203	1-406-971-21	INDUCTOR 10µH	
L6300	1-414-934-21	INDUCTOR 10µH	
L6500	1-457-218-11	INDUCTOR 100µH	
L6501	1-406-977-21	INDUCTOR 100µH	
L6507	1-457-141-11	INDUCTOR 175µH	

REF. NO.	PART NO.	DESCRIPTION	REMARK
		< PHOTOCOUPLER >	
PH6000⚠	8-749-016-82	PHOTOCOUPLER PC123GY2J00F	
PH6200⚠	8-749-016-82	PHOTOCOUPLER PC123GY2J00F	
PH6300⚠	8-749-016-82	PHOTOCOUPLER PC123GY2J00F	
PH6400⚠	8-749-016-82	PHOTOCOUPLER PC123GY2J00F	
PH6401⚠	8-749-016-82	PHOTOCOUPLER PC123GY2J00F	
PH6402⚠	8-749-016-82	PHOTOCOUPLER PC123GY2J00F	
		< TRANSISTOR >	
Q6100	6-551-297-01	TRANSISTOR 2SK3568(LBS1SONY.Q	
Q6101	6-551-297-01	TRANSISTOR 2SK3568(LBS1SONY.Q	
Q6200	8-729-029-14	TRANSISTOR DTC144EUA-T106	
Q6201	8-729-905-35	TRANSISTOR 2SC4081-R	
Q6400	8-729-804-41	TRANSISTOR 2SB1122-S	
Q6401	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q6402	8-729-023-22	TRANSISTOR 2SD2114K	
Q6403	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R	
Q6404	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q6500	6-551-336-01	TRANSISTOR 2SK3934(LBS1SONY.Q	
Q6501	8-729-820-90	TRANSISTOR 2SD1621-ST	
Q6502	8-729-804-41	TRANSISTOR 2SB1122-S	
Q6504	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q6505	6-551-336-01	TRANSISTOR 2SK3934(LBS1SONY.Q	
Q6900	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q6901	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q6902	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
		< RESISTOR >	
R6001 ⚠	1-219-759-11	METAL 1M 5% 1/2W	
R6001	1-219-759-11	METAL 1M 5% 1/2W	
R6002	1-202-962-11	METAL 3.3 5% 10W	
R6003	1-260-328-11	CARBON 1K 5% 1/2W	
R6004	1-216-829-11	METAL CHIP 4.7K 5% 1/10W	
R6009	1-202-962-11	METAL 3.3 5% 10W	
R6014	1-243-832-71	METAL OXIDE 15 5% 1W	
R6015	1-216-121-11	RES-CHIP 1M 5% 1/10W	
R6101	1-249-385-11	CARBON 2.2 5% 1/4W	
R6102	1-202-933-61	FUSIBLE 0.1 10% 1/2W	
R6103	1-218-823-11	METAL CHIP 100 0.5% 1/10W	
R6104	1-218-873-11	METAL CHIP 12K 0.5% 1/10W	
R6105	1-218-760-11	METAL CHIP 220K 0.5% 1/10W	
R6106	1-218-760-11	METAL CHIP 220K 0.5% 1/10W	
R6107	1-208-836-11	METAL CHIP 180K 0.5% 1/10W	
R6108	1-208-836-11	METAL CHIP 180K 0.5% 1/10W	
R6109	1-208-836-11	METAL CHIP 180K 0.5% 1/10W	
R6110	1-218-847-11	METAL CHIP 1K 0.5% 1/10W	
R6111	1-218-877-11	METAL CHIP 18K 0.5% 1/10W	
R6114	1-218-825-11	METAL CHIP 120 0.5% 1/10W	
R6116	1-216-009-91	RES-CHIP 22 5% 1/10W	
R6117	1-216-009-91	RES-CHIP 22 5% 1/10W	
R6118	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R6119	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R6122	1-217-151-00	METAL 0.22 10% 2W	
R6123	1-218-847-11	METAL CHIP 1K 0.5% 1/10W	
R6127	1-216-857-11	METAL CHIP 1M 5% 1/10W	
R6200	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R6201	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R6203	1-216-864-11	SHORT CHIP 0	
R6204	1-216-793-11	METAL CHIP 4.7 5% 1/10W	
R6206	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R6207	1-218-845-11	METAL CHIP 820 0.5% 1/10W	

REF. NO.	PART NO.	DESCRIPTION			REMARK
R6208	1-218-875-11	METAL CHIP	15K	0.5%	1/10W
R6209	1-218-863-11	METAL CHIP	4.7K	0.5%	1/10W
R6210	1-216-841-11	METAL CHIP	47K	5%	1/10W
R6214	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6215	1-216-864-11	SHORT CHIP	0		
R6216	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6217	1-218-857-11	METAL CHIP	2.7K	0.5%	1/10W
R6218	1-218-857-11	METAL CHIP	2.7K	0.5%	1/10W
R6220	1-218-855-11	METAL CHIP	2.2K	0.5%	1/10W
R6221	1-216-864-11	SHORT CHIP	0		
R6300	1-249-381-11	CARBON	1	5%	1/4W
R6301	1-243-725-71	METAL OXIDE	100K	5%	1W
R6302	1-216-830-11	METAL CHIP	5.6K	5%	1/10W
R6303	1-249-387-11	CARBON	3.3	5%	1/4W
R6304	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6305	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R6306	1-216-805-11	METAL CHIP	47	5%	1/10W
R6308	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R6309	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R6400	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6401	1-218-863-11	METAL CHIP	4.7K	0.5%	1/10W
R6402	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6403	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R6404	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6405	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6406	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6407	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6408	1-218-863-11	METAL CHIP	4.7K	0.5%	1/10W
R6409	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6410	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R6411	1-216-864-11	SHORT CHIP	0		
R6412	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6413	1-218-863-11	METAL CHIP	4.7K	0.5%	1/10W
R6417	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6418	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6419	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6436	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6437	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6442	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6452	1-218-851-11	METAL CHIP	1.5K	0.5%	1/10W
R6454	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6455	1-218-903-11	METAL CHIP	220K	0.5%	1/10W
R6456	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R6459	1-218-849-11	METAL CHIP	1.2K	0.5%	1/10W
R6460	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6461	1-216-864-11	SHORT CHIP	0		
R6500	1-220-926-81	FUSIBLE	0.47	10%	1/2W
R6501	1-216-857-11	METAL CHIP	1M	5%	1/10W
R6503	1-215-882-00	METAL OXIDE	22	5%	2W
R6505	1-211-991-11	METAL CHIP	82	0.5%	1/10W
R6512	1-218-907-11	METAL CHIP	330K	0.5%	1/10W
R6513	1-218-879-11	METAL CHIP	22K	0.5%	1/10W
R6514	1-218-895-11	METAL CHIP	100K	0.5%	1/10W
R6516	1-218-760-11	METAL CHIP	220K	0.5%	1/10W
R6517	1-218-760-11	METAL CHIP	220K	0.5%	1/10W
R6518	1-218-760-11	METAL CHIP	220K	0.5%	1/10W
R6519	1-218-760-11	METAL CHIP	220K	0.5%	1/10W
R6526	1-218-760-11	METAL CHIP	220K	0.5%	1/10W
R6527	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R6528	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R6530	1-219-729-11	METAL	0.33	10%	5W
R6531	1-219-729-11	METAL	0.33	10%	5W
R6532	1-216-864-11	SHORT CHIP	0		

REF. NO.	PART NO.	DESCRIPTION			REMARK
R6533	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6534	1-216-809-11	METAL CHIP	100	5%	1/10W
R6535	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6536	1-249-389-11	CARBON	4.7	5%	1/4W
R6537	1-249-389-11	CARBON	4.7	5%	1/4W
R6538	1-249-405-11	CARBON	100	5%	1/4W
R6539	1-218-831-11	METAL CHIP	220	0.5%	1/10W
R6540	1-218-831-11	METAL CHIP	220	0.5%	1/10W
R6542	1-208-814-91	METAL CHIP	22K	0.5%	1/10W
R6545	1-208-840-11	METAL CHIP	270K	0.5%	1/10W
R6546	1-208-840-11	METAL CHIP	270K	0.5%	1/10W
R6547	1-208-840-11	METAL CHIP	270K	0.5%	1/10W
R6548	1-208-840-11	METAL CHIP	270K	0.5%	1/10W
R6549	1-218-760-11	METAL CHIP	220K	0.5%	1/10W
R6550	1-218-869-11	METAL CHIP	8.2K	0.5%	1/10W
R6551	1-249-393-11	CARBON	10	5%	1/4W
R6552	1-216-809-11	METAL CHIP	100	5%	1/10W
R6554	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6555	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6556	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6557	1-218-833-11	METAL CHIP	270	0.5%	1/10W
R6558	1-216-121-11	RES-CHIP	1M	5%	1/10W
R6559	1-208-818-11	METAL CHIP	33K	0.5%	1/10W
R6561	1-218-831-11	METAL CHIP	220	0.5%	1/10W
R6562	1-218-831-11	METAL CHIP	220	0.5%	1/10W
R6900	1-216-864-11	SHORT CHIP	0		
R6901	1-216-864-11	SHORT CHIP	0		
R6904	1-216-864-11	SHORT CHIP	0		
R6905	1-216-864-11	SHORT CHIP	0		
R6911	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6915	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6921	1-218-720-11	METAL CHIP	15K	0.5%	1/10W
R6922	1-218-716-11	METAL CHIP	10K	0.5%	1/10W
R6925	1-218-722-11	METAL CHIP	18K	0.5%	1/10W
R6926	1-218-716-11	METAL CHIP	10K	0.5%	1/10W
R6937	1-216-864-11	SHORT CHIP	0		
R6950	1-216-864-11	SHORT CHIP	0		
R6956	1-216-864-11	SHORT CHIP	0		
R6957	1-216-864-11	SHORT CHIP	0		
R6958	1-216-864-11	SHORT CHIP	0		
R6959	1-216-864-11	SHORT CHIP	0		
R6960	1-216-864-11	SHORT CHIP	0		
R6961	1-216-864-11	SHORT CHIP	0		
R6962	1-216-864-11	SHORT CHIP	0		
R6963	1-216-864-11	SHORT CHIP	0		
R6964	1-216-864-11	SHORT CHIP	0		
R6965	1-216-864-11	SHORT CHIP	0		
R6966	1-218-716-11	METAL CHIP	10K	0.5%	1/10W
R6968	1-218-712-11	METAL CHIP	6.8K	0.5%	1/10W
R6975	1-216-864-11	SHORT CHIP	0		
R6976	1-216-864-11	SHORT CHIP	0		
R6977	1-216-864-11	SHORT CHIP	0		
R6978	1-216-864-11	SHORT CHIP	0		
R6979	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6980	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6981	1-216-809-11	METAL CHIP	100	5%	1/10W
R6982	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6983	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6984	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6985	1-216-833-11	METAL CHIP	10K	5%	1/10W

REF. NO.	PART NO.	DESCRIPTION			REMARK
		< RELAY >			
RY6003⚠	1-755-245-11	RELAY, AC POWER			
RY6004⚠	1-755-245-11	RELAY, AC POWER			
		< TRANSFORMER >			
T6200 ⚠	1-443-848-11	CONVERTER TRANSFORMER (PIT)			
T6300 ⚠	1-443-842-11	CONVERTER TRANSFOR (SBT)			
		< THERMISTOR >			
TH6300	1-803-586-41	THERMISTOR			
		< VARISTOR >			
VD6000⚠		1-805-479-21	VARISTOR		
VD6002⚠		1-805-479-21	VARISTOR		
**********					
	A-1166-579-A	H1 BOARD, COMPLETE			
		**********			
		< CAPACITOR >			
C3000	1-100-597-91	CERAMIC CHIP	0.1µF	10%	25V
		< DIODE >			
D3001	8-719-036-94	DIODE RD5.6SB-T1			
		< RESISTORR >			
R3000	1-218-825-11	METAL CHIP	120	0.5%	1/10W
R3002	1-218-827-11	METAL CHIP	150	0.5%	1/10W
R3004	1-218-833-11	METAL CHIP	270	0.5%	1/10W
R3005	1-218-841-11	METAL CHIP	560	0.5%	1/10W
R3006	1-218-851-11	METAL CHIP	1.5K	0.5%	1/10W
		< SWITCH >			
S3000	1-762-196-21	SWITCH, TACT (CHANNEL +)			
S3001	1-762-196-21	SWITCH, TACT (CHANNEL -)			
S3002	1-762-196-21	SWITCH, TACT (VOLUME +)			
S3003	1-762-196-21	SWITCH, TACT (VOLUME -)			
S3004	1-762-196-21	SWITCH, TACT (TV/VIDEO)			
S3005	1-762-196-21	SWITCH, TACT (MENU)			
		< VARISTOR >			
VD3000	1-803-974-21	VARISTOR, CHIP (1608)			
**********					
	A-1166-580-A	H2 BOARD, COMPLETE			
		**********			
		< CAPACITOR >			
C3050	1-100-597-91	CERAMIC CHIP	0.1µF	10%	25V
C3051	1-128-991-21	ELECT CHIP	10µF	20%	50V
C3052	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3053	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3054	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3055	1-100-597-91	CERAMIC CHIP	0.1µF	10%	25V
C3056	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3057	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
		< DIODE >			
D3053	6-500-861-01	DIODE SML-020MVT-T86 (POWER/STANDBY)			
D3054	8-719-064-07	DIODE SML-310LTT86 (LAMP)			
D3055	6-500-861-01	DIODE SML-020MVT-T86 (TIMER)			
		< TRANSISTOR >			
Q3050	8-729-120-28	TRANSISTOR 2SC1623-L5L6			
Q3051	8-729-120-28	TRANSISTOR 2SC1623-L5L6			
Q3052	8-729-120-28	TRANSISTOR 2SC1623-L5L6			
Q3053	8-729-120-28	TRANSISTOR 2SC1623-L5L6			
		< RESISTOR >			
R3050	1-216-813-11	METAL CHIP	220	5%	1/10W
R3051	1-216-805-11	METAL CHIP	47	5%	1/10W
R3052	1-216-864-11	SHORT CHIP	0		
R3053	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3054	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3055	1-216-813-11	METAL CHIP	220	5%	1/10W
R3056	1-216-813-11	METAL CHIP	220	5%	1/10W
R3057	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3058	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3059	1-216-813-11	METAL CHIP	220	5%	1/10W
R3060	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3061	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3062	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3063	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3064	1-216-813-11	METAL CHIP	220	5%	1/10W
R3065	1-216-813-11	METAL CHIP	220	5%	1/10W
R3068	1-216-864-11	SHORT CHIP	0		
		< SWITCH >			
S3050	1-762-196-21	SWITCH, TACT (POWER)			
**********					
	A-1166-581-A	H3 BOARD, COMPLETE			
		**********			
*	4-042-408-02	PIN(45), WIRE			
		< CAPACITOR >			
C3105	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C3106	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C3107	1-125-889-91	CERAMIC CHIP	2.2µF	10%	10V
C3108	1-125-889-91	CERAMIC CHIP	2.2µF	10%	10V
		< CONNECTOR >			
CN3100*	1-815-022-11	PIN, CONNECTOR (WITH PWB) 6P			
		< DIODE >			
D3100	8-719-036-94	DIODE RD5.6SB-T1			
D3101	8-719-036-94	DIODE RD5.6SB-T1			
D3102	8-719-977-28	DIODE DTZ10B			
D3103	8-719-977-28	DIODE DTZ10B			

REF. NO.	PART NO.	DESCRIPTION			REMARK
		< JACK >			
J3100	1-820-377-11	PHONO JACK 3P (VIDEO/HD/DVD IN 2: PR/PB/Y)			
J3101	1-819-387-11	PHONO JACK 3P (VIDEO/HD/DVD IN 2: VIDEO/AUDIO)			
		< RESISTOR >			
R3101	1-216-864-11	SHORT CHIP	0		
R3102	1-218-831-11	METAL CHIP	220	0.5%	1/10W
R3103	1-218-831-11	METAL CHIP	220	0.5%	1/10W
R3106	1-218-831-11	METAL CHIP	220	0.5%	1/10W
R3107	1-216-849-11	METAL CHIP	220K	5%	1/10W
R3108	1-216-849-11	METAL CHIP	220K	5%	1/10W
R3109	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3110	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3112	1-216-864-11	SHORT CHIP	0		
R3117	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3118	1-216-864-11	SHORT CHIP	0		
R3119	1-216-864-11	SHORT CHIP	0		
R3120	1-216-864-11	SHORT CHIP	0		
		< VARISTOR >			
VD3100	1-804-988-21	VARISTOR, CHIP	(1608)		
VD3101	1-803-974-21	VARISTOR, CHIP	(1608)		
VD3102	1-803-974-21	VARISTOR, CHIP	(1608)		
**********					
		A-1205-237-A QM BOARD, COMPLETE			
		**********			
		< CAPACITOR >			
C7301	1-100-055-11	CERAMIC CHIP	22µF	20%	16V
C7302	1-165-989-11	CERAMIC CHIP	10µF	10%	6.3V
C7303	1-165-875-11	CERAMIC CHIP	10µF	10%	10V
C7306	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C7307	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C7308	1-126-246-11	ELECT CHIP	220µF	20%	4V
C7319	1-126-246-11	ELECT CHIP	220µF	20%	4V
C7320	1-100-583-21	ELECT CHIP	470µF	20%	4V
C7321	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7322	1-164-864-11	CERAMIC CHIP	39pF	5%	50V
C7323	1-164-858-11	CERAMIC CHIP	22pF	5%	50V
C7324	1-164-868-11	CERAMIC CHIP	56pF	5%	50V
C7325	1-164-858-11	CERAMIC CHIP	22pF	5%	50V
C7326	1-164-868-11	CERAMIC CHIP	56pF	5%	50V
C7327	1-164-864-11	CERAMIC CHIP	39pF	5%	50V
C7328	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C7330	1-126-246-11	ELECT CHIP	220µF	20%	4V
C7333	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7334	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7335	1-165-989-11	CERAMIC CHIP	10µF	10%	6.3V
C7336	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7337	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7338	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C7339	1-125-838-11	CERAMIC CHIP	2.2µF	10%	6.3V
C7340	1-125-838-11	CERAMIC CHIP	2.2µF	10%	6.3V
C7341	1-162-962-11	CERAMIC CHIP	470pF	10%	50V
C7344	1-125-837-91	CERAMIC CHIP	1µF	10%	6.3V
C7345	1-125-837-91	CERAMIC CHIP	1µF	10%	6.3V
C7346	1-162-962-11	CERAMIC CHIP	470pF	10%	50V
C7348	1-112-691-11	CERAMIC CHIP	22µF	10%	16V
C7349	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7350	1-112-691-11	CERAMIC CHIP	22µF	10%	16V
C7351	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7352	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7353	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7354	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7355	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7356	1-112-691-11	CERAMIC CHIP	22µF	10%	16V
C7357	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7358	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7359	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7360	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7361	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7362	1-164-854-11	CERAMIC CHIP	15pF	5%	50V
C7364	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C7365	1-100-506-91	CERAMIC CHIP	1µF	20%	6.3V
C7366	1-100-506-91	CERAMIC CHIP	1µF	20%	6.3V
C7369	1-164-854-11	CERAMIC CHIP	15pF	5%	50V
C7372	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7373	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7374	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7375	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7376	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7377	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7378	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7379	1-100-506-91	CERAMIC CHIP	1µF	20%	6.3V
C7380	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7381	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7382	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7383	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7384	1-100-506-91	CERAMIC CHIP	1µF	20%	6.3V
C7385	1-100-506-91	CERAMIC CHIP	1µF	20%	6.3V
C7386	1-100-506-91	CERAMIC CHIP	1µF	20%	6.3V
C7387	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7388	1-112-691-11	CERAMIC CHIP	22µF	10%	16V
C7389	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7390	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7391	1-112-691-11	CERAMIC CHIP	22µF	10%	16V
C7392	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7393	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7394	1-112-691-11	CERAMIC CHIP	22µF	10%	16V
C7395	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7396	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7397	1-112-691-11	CERAMIC CHIP	22µF	10%	16V
C7398	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7400	1-164-856-81	CERAMIC CHIP	18pF	5%	50V
C7401	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7402	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7403	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7404	1-164-858-11	CERAMIC CHIP	22pF	5%	50V
C7405	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7406	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7407	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7408	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7409	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7410	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7411	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7412	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7415	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7416	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7419	1-112-691-11	CERAMIC CHIP	22µF	10%	16V
C7420	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7422	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7423	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V

REF. NO.	PART NO.	DESCRIPTION			REMARK
C7424	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7425	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7426	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7427	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7429	1-126-246-11	ELECT CHIP	220µF	20%	4V
C7431	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7432	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7433	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7434	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7435	1-165-887-91	CERAMIC CHIP	0.22µF	10%	6.3V
C7436	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7437	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7438	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7439	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7440	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7441	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7443	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7444	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7446	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7448	1-100-506-91	CERAMIC CHIP	1µF	20%	6.3V
C7449	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7450	1-100-506-91	CERAMIC CHIP	1µF	20%	6.3V
C7451	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7452	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7454	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7456	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7457	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7458	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7459	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7461	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7463	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7464	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7466	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7467	1-164-937-11	CERAMIC CHIP	0.001µF	10%	50V
C7469	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7472	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7502	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7503	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C7504	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C7505	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7506	1-117-681-11	ELECT CHIP	100µF	20%	16V
C7509	1-117-681-11	ELECT CHIP	100µF	20%	16V
C7511	1-100-567-81	CERAMIC CHIP	10000pF	10%	25V
C7512	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7513	1-125-837-91	CERAMIC CHIP	1µF	10%	6.3V
C7544	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C7552	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C7553	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C7556	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
C7594	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7595	1-126-246-11	ELECT CHIP	220µF	20%	4V
C7596	1-100-055-11	CERAMIC CHIP	22µF	20%	16V
C7596	1-100-055-21	CERAMIC CHIP	22µF	20%	16V
C7651	1-164-937-11	CERAMIC CHIP	0.001µF	10%	50V
C7652	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7653	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C7654	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C7655	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C7656	1-164-937-11	CERAMIC CHIP	0.001µF	10%	50V
C7657	1-127-988-81	CERAMIC CHIP	15000pF	10%	16V
C7658	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7659	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C7660	1-164-937-11	CERAMIC CHIP	0.001µF	10%	50V

REF. NO.	PART NO.	DESCRIPTION			REMARK
C7661	1-127-988-81	CERAMIC CHIP	15000pF	10%	16V
C7662	1-165-887-91	CERAMIC CHIP	0.22µF	10%	6.3V
C7663	1-164-858-11	CERAMIC CHIP	22pF	5%	50V
C7664	1-127-988-81	CERAMIC CHIP	15000pF	10%	16V
C7665	1-164-937-11	CERAMIC CHIP	0.001µF	10%	50V
C7666	1-165-887-91	CERAMIC CHIP	0.22µF	10%	6.3V
C7667	1-164-858-11	CERAMIC CHIP	22pF	5%	50V
C7668	1-164-937-11	CERAMIC CHIP	0.001µF	10%	50V
C7669	1-164-937-11	CERAMIC CHIP	0.001µF	10%	50V
C7670	1-127-988-81	CERAMIC CHIP	15000pF	10%	16V
C7671	1-164-882-11	CERAMIC CHIP	220pF	5%	16V
C7672	1-164-882-11	CERAMIC CHIP	220pF	5%	16V
C7673	1-164-882-11	CERAMIC CHIP	220pF	5%	16V
C7674	1-164-882-11	CERAMIC CHIP	220pF	5%	16V
C7675	1-100-055-11	CERAMIC CHIP	22µF	20%	16V
C7676	1-100-055-11	CERAMIC CHIP	22µF	20%	16V
C7677	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C7678	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C7679	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C7680	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C7681	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C7682	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C7683	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C7684	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C7685	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C7686	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C7687	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C7688	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C7689	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C7690	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C7693	1-100-055-11	CERAMIC CHIP	22µF	20%	16V
C7693	1-100-055-21	CERAMIC CHIP	22µF	20%	16V
C7696	1-165-875-11	CERAMIC CHIP	10µF	10%	10V
C7698	1-100-055-11	CERAMIC CHIP	22µF	20%	16V
C7699	1-100-055-11	CERAMIC CHIP	22µF	20%	16V
C7700	1-165-875-11	CERAMIC CHIP	10µF	10%	10V
C7701	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C7703	1-100-055-11	CERAMIC CHIP	22µF	20%	16V
C7704	1-100-055-11	CERAMIC CHIP	22µF	20%	16V
C7705	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C7707	1-100-055-11	CERAMIC CHIP	22µF	20%	16V
C7708	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C7711	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C7716	1-100-055-11	CERAMIC CHIP	22µF	20%	16V
C7719	1-126-246-11	ELECT CHIP	220µF	20%	4V
C7720	1-100-583-21	ELECT CHIP	470µF	20%	4V
C7721	1-100-583-21	ELECT CHIP	470µF	20%	4V
C7725	1-165-989-11	CERAMIC CHIP	10µF	10%	6.3V
C7726	1-165-989-11	CERAMIC CHIP	10µF	10%	6.3V
C7727	1-165-989-11	CERAMIC CHIP	10µF	10%	6.3V
C7728	1-165-989-11	CERAMIC CHIP	10µF	10%	6.3V
C7730	1-117-681-11	ELECT CHIP	100µF	20%	16V
C7731	1-164-870-11	CERAMIC CHIP	68pF	5%	50V
C7732	1-164-870-11	CERAMIC CHIP	68pF	5%	50V
C7733	1-164-870-11	CERAMIC CHIP	68pF	5%	50V
C7734	1-164-870-11	CERAMIC CHIP	68pF	5%	50V
C7735	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C7736	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C7737	1-165-989-11	CERAMIC CHIP	10µF	10%	6.3V
C7738	1-125-837-91	CERAMIC CHIP	1µF	10%	6.3V
C7739	1-165-989-11	CERAMIC CHIP	10µF	10%	6.3V
C7740	1-125-837-91	CERAMIC CHIP	1µF	10%	6.3V
C7741	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V

REF. NO.	PART NO.	DESCRIPTION			REMARK
C7742	1-165-989-11	CERAMIC CHIP	10µF	10%	6.3V
C7743	1-165-989-11	CERAMIC CHIP	10µF	10%	6.3V
C7744	1-165-989-11	CERAMIC CHIP	10µF	10%	6.3V
C7745	1-165-989-11	CERAMIC CHIP	10µF	10%	6.3V
C7746	1-165-989-11	CERAMIC CHIP	10µF	10%	6.3V
C7747	1-165-989-11	CERAMIC CHIP	10µF	10%	6.3V
C7748	1-165-989-11	CERAMIC CHIP	10µF	10%	6.3V
C7749	1-165-989-11	CERAMIC CHIP	10µF	10%	6.3V
C7865	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7867	1-165-989-11	CERAMIC CHIP	10µF	10%	6.3V
C7868	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7952	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C7953	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7954	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7955	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7956	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7957	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7958	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7959	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7960	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7961	1-100-506-91	CERAMIC CHIP	1µF	20%	6.3V
C7962	1-100-506-91	CERAMIC CHIP	1µF	20%	6.3V
C7963	1-100-506-91	CERAMIC CHIP	1µF	20%	6.3V
C7964	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7965	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7966	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7967	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7968	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7969	1-164-937-11	CERAMIC CHIP	0.001µF	10%	50V
C7970	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7971	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7972	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7973	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7974	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7975	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7976	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7977	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7978	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7979	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7980	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7981	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7982	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7983	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7984	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7985	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7986	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7988	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7990	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7991	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7992	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7993	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7994	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7996	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7997	1-165-989-11	CERAMIC CHIP	10µF	10%	6.3V
C7998	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7999	1-165-989-11	CERAMIC CHIP	10µF	10%	6.3V
C8025	1-117-681-11	ELECT CHIP	100µF	20%	16V
C8040	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C8100	1-117-681-11	ELECT CHIP	100µF	20%	16V
C8101	1-126-246-11	ELECT CHIP	220µF	20%	4V
C8102	1-125-891-11	CERAMIC CHIP	0.47µF	10%	10V
C8103	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C8104	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C8105	1-164-937-11	CERAMIC CHIP	0.001µF	10%	50V

REF. NO.	PART NO.	DESCRIPTION			REMARK
C8106	1-117-681-11	ELECT CHIP	100µF	20%	16V
C8107	1-117-681-11	ELECT CHIP	100µF	20%	16V
C8108	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
		< CONNECTOR >			
CN7310*	1-793-141-21	PIN, CONNECTOR (PC BOARD) 15P			
CN7319	1-820-187-11	HEADER ASSEMBLY (PRINT PWB)10P			
CN7802	1-819-390-51	FFC/FPC CONNECTOR (ZIF) 49P			
		< DIODE >			
D7306	8-719-053-07	DIODE SML-310MTT86			
D7307	8-719-081-34	DIODE RB160M-30TR			
D7308	8-719-081-34	DIODE RB160M-30TR			
D7310	8-719-083-58	DIODE UDZSTE-173.9B			
D7311	8-719-404-50	DIODE MA111-TX			
D7802	8-719-053-07	DIODE SML-310MTT86			
D7803	8-719-053-09	DIODE SML-310VTT86			
D8100	8-719-073-34	DIODE EC21QS03L-TE12L			
		< EARTH TERMINAL >			
ET7300	1-780-336-11	EARTH TERMINAL			
ET7301	1-780-336-11	EARTH TERMINAL			
		< FUSE >			
F7650	1-576-925-11	IC LINK	3.15A	0V	
F7651	1-576-925-11	IC LINK	3.15A	0V	
		< FERRITE BEAD >			
FB7301	1-400-089-21	FERRITE	0µH		
FB7304	1-400-180-21	FERRITE	0µH		
FB7305	1-400-180-21	FERRITE	0µH		
FB7310	1-400-180-21	FERRITE	0µH		
FB7311	1-400-180-21	FERRITE	0µH		
FB7313	1-400-089-21	FERRITE	0µH		
FB7314	1-400-089-21	FERRITE	0µH		
FB7321	1-400-089-21	FERRITE	0µH		
FB7322	1-400-180-21	FERRITE	0µH		
FB7328	1-414-229-11	FERRITE	0µH		
FB7329	1-414-229-11	FERRITE	0µH		
FB7330	1-414-229-11	FERRITE	0µH		
FB7331	1-400-180-21	FERRITE	0µH		
FB7332	1-414-229-11	FERRITE	0µH		
FB7333	1-414-229-11	FERRITE	0µH		
FB7334	1-414-229-11	FERRITE	0µH		
FB7335	1-414-229-11	FERRITE	0µH		
FB7336	1-414-229-11	FERRITE	0µH		
FB7337	1-414-229-11	FERRITE	0µH		
FB7338	1-414-229-11	FERRITE	0µH		
FB7340	1-481-160-21	INDUCTOR	0µH		
FB7341	1-481-160-21	INDUCTOR	0µH		
FB7342	1-481-160-21	INDUCTOR	0µH		
FB7343	1-481-160-21	INDUCTOR	0µH		
FB7344	1-481-160-21	INDUCTOR	0µH		
FB7345	1-481-160-21	INDUCTOR	0µH		
FB7346	1-481-160-21	INDUCTOR	0µH		
FB7650	1-216-295-91	SHORT CHIP	0		
FB7651	1-216-295-91	SHORT CHIP	0		
FB7652	1-216-295-91	SHORT CHIP	0		

REF. NO.	PART NO.	DESCRIPTION			REMARK
FB7653	1-216-295-91	SHORT CHIP	0		
FB7654	1-216-295-91	SHORT CHIP	0		
FB7655	1-216-295-91	SHORT CHIP	0		
FB7657	1-414-229-11	FERRITE	0µH		
FB7658	1-414-229-11	FERRITE	0µH		
FB7659	1-414-229-11	FERRITE	0µH		
FB7700	1-400-620-21	FERRITE	0µH		
FB7907	1-400-180-21	FERRITE	0µH		
FB8000	1-414-229-11	FERRITE	0µH		
		< FILTER >			
FL7300	1-400-284-21	INDUCTOR	0µH		
		< IC >			
IC7300	6-709-273-01	IC	215H47AGA21HG		
IC7304	6-703-175-01	IC	PST3629UL		
IC7311	6-700-227-01	IC	MM1561JFBE		
IC7312	6-700-227-01	IC	MM1561JFBE		
IC7319	6-708-910-01	IC	NAND128W3A2BN6F		
IC7320	6-708-624-01	IC	M25P10-AVMN6TP		
IC7322	6-706-901-01	IC	K4H561638F-UCCCT00		
IC7324	6-706-901-01	IC	K4H561638F-UCCCT00		
IC7326	6-702-688-01	IC	M24C64-WMN6T(B)		
IC7331	6-706-334-01	IC	TC74VCX162374(EL,F		
IC7650	6-709-075-01	IC	TPS5124DBTRG4		
IC7651	6-709-075-01	IC	TPS5124DBTRG4		
IC7806	6-704-465-01	IC	MC74LVX8053DTR2		
IC7908	6-703-708-01	IC	LM2903DT		
IC8100	8-759-675-48	IC	SN74LVC32APWR		
IC8101	6-703-038-01	IC	CD74HC4538PWR		
IC8102	6-705-468-01	IC	BA33BC0FP-E2		
		< COIL >			
L7321	1-414-751-11	INDUCTOR	1µH		
L7329	1-412-974-41	INDUCTOR	0.39µH		
L7650	1-424-922-21	INDUCTOR	10µH		
L7651	1-400-325-11	INDUCTOR	5.6µH		
L7652	1-424-922-21	INDUCTOR	10µH		
L7653	1-424-922-21	INDUCTOR	10µH		
L8600	1-412-973-11	INDUCTOR	0.33µH		
L8607	1-412-973-11	INDUCTOR	0.33µH		
L8608	1-412-974-41	INDUCTOR	0.39µH		
L8609	1-412-971-31	INDUCTOR	0.22µH		
L8610	1-412-974-41	INDUCTOR	0.39µH		
L8611	1-412-971-31	INDUCTOR	0.22µH		
		< TRANSISTOR >			
Q7651	6-709-438-01	TRANSISTOR	FDS6986AS-NL		
Q7652	6-709-438-01	TRANSISTOR	FDS6986AS-NL		
Q7653	6-709-438-01	TRANSISTOR	FDS6986AS-NL		
Q7654	6-709-438-01	TRANSISTOR	FDS6986AS-NL		
Q7804	8-729-120-28	TRANSISTOR	2SC1623-L5L6		
Q7805	8-729-120-28	TRANSISTOR	2SC1623-L5L6		
		< RESISTOR >			
R7304	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7305	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7318	1-218-941-81	RES-CHIP	100	5%	1/16W
R7319	1-218-990-81	SHORT CHIP	0		
R7321	1-218-941-81	RES-CHIP	100	5%	1/16W
R7322	1-218-941-81	RES-CHIP	100	5%	1/16W
R7323	1-218-446-11	METAL CHIP	1	5%	1/10W
R7336	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7342	1-218-990-81	SHORT CHIP	0		
R7361	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7367	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7371	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7372	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7382	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R7384	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7385	1-218-977-11	RES-CHIP	100K	5%	1/16W
R7386	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7399	1-216-801-11	METAL CHIP	22	5%	1/10W
R7401	1-208-862-81	METAL CHIP	91	0.5%	1/16W
R7402	1-208-862-81	METAL CHIP	91	0.5%	1/16W
R7403	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R7404	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R7406	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R7409	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R7410	1-218-933-11	RES-CHIP	22	5%	1/16W
R7411	1-218-933-11	RES-CHIP	22	5%	1/16W
R7413	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R7414	1-218-938-11	RES-CHIP	56	5%	1/16W
R7415	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R7416	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R7417	1-218-938-11	RES-CHIP	56	5%	1/16W
R7418	1-218-938-11	RES-CHIP	56	5%	1/16W
R7419	1-218-938-11	RES-CHIP	56	5%	1/16W
R7421	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R7423	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R7426	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7429	1-218-941-81	RES-CHIP	100	5%	1/16W
R7430	1-218-941-81	RES-CHIP	100	5%	1/16W
R7431	1-216-864-11	SHORT CHIP	0		
R7432	1-216-864-11	SHORT CHIP	0		
R7447	1-218-990-81	SHORT CHIP	0		
R7449	1-218-990-81	SHORT CHIP	0		
R7450	1-218-990-81	SHORT CHIP	0		
R7460	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R7462	1-218-690-11	METAL CHIP	820	0.5%	1/10W
R7463	1-218-690-11	METAL CHIP	820	0.5%	1/10W
R7464	1-218-710-11	METAL CHIP	5.6K	0.5%	1/10W
R7465	1-218-710-11	METAL CHIP	5.6K	0.5%	1/10W
R7466	1-218-990-81	SHORT CHIP	0		
R7474	1-218-665-11	METAL CHIP	75	0.5%	1/10W
R7477	1-218-665-11	METAL CHIP	75	0.5%	1/10W
R7478	1-218-665-11	METAL CHIP	75	0.5%	1/10W
R7479	1-218-665-11	METAL CHIP	75	0.5%	1/10W
R7480	1-218-665-11	METAL CHIP	75	0.5%	1/10W
R7481	1-218-665-11	METAL CHIP	75	0.5%	1/10W
R7482	1-218-665-11	METAL CHIP	75	0.5%	1/10W
R7501	1-208-927-11	METAL CHIP	47K	0.5%	1/16W
R7502	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7503	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7506	1-218-977-11	RES-CHIP	100K	5%	1/16W
R7508	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7509	1-218-933-11	RES-CHIP	22	5%	1/16W
R7510	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7517	1-216-835-11	METAL CHIP	15K	5%	1/10W
R7518	1-216-835-11	METAL CHIP	15K	5%	1/10W
R7519	1-216-835-11	METAL CHIP	15K	5%	1/10W
R7520	1-216-835-11	METAL CHIP	15K	5%	1/10W

REF. NO.	PART NO.	DESCRIPTION			REMARK
R7521	1-218-938-11	RES-CHIP	56	5%	1/16W
R7522	1-218-938-11	RES-CHIP	56	5%	1/16W
R7523	1-218-938-11	RES-CHIP	56	5%	1/16W
R7524	1-218-938-11	RES-CHIP	56	5%	1/16W
R7525	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7526	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7534	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R7535	1-218-990-81	SHORT CHIP	0		
R7536	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R7537	1-218-990-81	SHORT CHIP	0		
R7538	1-218-990-81	SHORT CHIP	0		
R7539	1-218-990-81	SHORT CHIP	0		
R7540	1-218-990-81	SHORT CHIP	0		
R7541	1-218-990-81	SHORT CHIP	0		
R7549	1-218-941-81	RES-CHIP	100	5%	1/16W
R7551	1-218-941-81	RES-CHIP	100	5%	1/16W
R7556	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R7564	1-218-941-81	RES-CHIP	100	5%	1/16W
R7570	1-218-990-81	SHORT CHIP	0		
R7571	1-218-990-81	SHORT CHIP	0		
R7578	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7583	1-218-990-81	SHORT CHIP	0		
R7627	1-218-935-11	RES-CHIP	33	5%	1/16W
R7629	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7634	1-218-933-11	RES-CHIP	22	5%	1/16W
R7635	1-218-933-11	RES-CHIP	22	5%	1/16W
R7636	1-218-935-11	RES-CHIP	33	5%	1/16W
R7637	1-218-935-11	RES-CHIP	33	5%	1/16W
R7640	1-218-933-11	RES-CHIP	22	5%	1/16W
R7642	1-218-990-81	SHORT CHIP	0		
R7643	1-218-990-81	SHORT CHIP	0		
R7644	1-218-990-81	SHORT CHIP	0		
R7646	1-218-933-11	RES-CHIP	22	5%	1/16W
R7647	1-218-933-11	RES-CHIP	22	5%	1/16W
R7648	1-218-990-81	SHORT CHIP	0		
R7655	1-218-945-11	METAL CHIP	220	5%	1/16W
R7656	1-208-893-11	METAL CHIP	1.8K	0.5%	1/16W
R7657	1-218-978-11	METAL CHIP	120K	5%	1/16W
R7658	1-218-864-11	METAL CHIP	5.1K	0.5%	1/16W
R7660	1-208-923-11	METAL CHIP	33K	0.5%	1/16W
R7662	1-218-978-11	METAL CHIP	120K	5%	1/16W
R7663	1-208-711-11	METAL CHIP	15K	0.5%	1/16W
R7664	1-208-927-11	METAL CHIP	47K	0.5%	1/16W
R7667	1-208-923-11	METAL CHIP	33K	0.5%	1/16W
R7668	1-208-923-11	METAL CHIP	33K	0.5%	1/16W
R7669	1-218-941-81	RES-CHIP	100	5%	1/16W
R7670	1-208-715-11	METAL CHIP	22K	0.5%	1/16W
R7671	1-208-691-11	METAL CHIP	2.2K	0.5%	1/16W
R7672	1-208-923-11	METAL CHIP	33K	0.5%	1/16W
R7673	1-218-941-81	RES-CHIP	100	5%	1/16W
R7674	1-208-691-11	METAL CHIP	2.2K	0.5%	1/16W
R7675	1-208-691-11	METAL CHIP	2.2K	0.5%	1/16W
R7676	1-218-941-81	RES-CHIP	100	5%	1/16W
R7677	1-208-935-11	METAL CHIP	100K	0.5%	1/16W
R7678	1-218-941-81	RES-CHIP	100	5%	1/16W
R7679	1-208-691-11	METAL CHIP	2.2K	0.5%	1/16W
R7680	1-208-935-11	METAL CHIP	100K	0.5%	1/16W
R7681	1-218-937-11	RES-CHIP	47	5%	1/16W
R7682	1-208-935-11	METAL CHIP	100K	0.5%	1/16W
R7683	1-208-935-11	METAL CHIP	100K	0.5%	1/16W
R7684	1-218-937-11	RES-CHIP	47	5%	1/16W
R7685	1-218-937-11	RES-CHIP	47	5%	1/16W
R7686	1-216-864-11	SHORT CHIP	0		

REF. NO.	PART NO.	DESCRIPTION			REMARK
R7687	1-218-937-11	RES-CHIP	47	5%	1/16W
R7688	1-216-864-11	SHORT CHIP	0		
R7689	1-208-911-11	METAL CHIP	10K	0.5%	1/16W
R7690	1-208-911-11	METAL CHIP	10K	0.5%	1/16W
R7691	1-208-709-11	METAL CHIP	12K	0.5%	1/16W
R7692	1-208-911-11	METAL CHIP	10K	0.5%	1/16W
R7693	1-216-791-11	METAL CHIP	3.3	5%	1/10W
R7694	1-216-791-11	METAL CHIP	3.3	5%	1/10W
R7695	1-216-791-11	METAL CHIP	3.3	5%	1/10W
R7698	1-216-791-11	METAL CHIP	3.3	5%	1/10W
R7724	1-218-977-11	RES-CHIP	100K	5%	1/16W
R7730	1-218-990-81	SHORT CHIP	0		
R7732	1-216-864-11	SHORT CHIP	0		
R7734	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R7735	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R7741	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7743	1-208-679-11	METAL CHIP	680	0.5%	1/16W
R7747	1-218-990-81	SHORT CHIP	0		
R7748	1-218-990-81	SHORT CHIP	0		
R7766	1-218-990-81	SHORT CHIP	0		
R7769	1-218-990-81	SHORT CHIP	0		
R7770	1-218-990-81	SHORT CHIP	0		
R7771	1-218-990-81	SHORT CHIP	0		
R7772	1-218-990-81	SHORT CHIP	0		
R7783	1-218-941-81	RES-CHIP	100	5%	1/16W
R7784	1-218-941-81	RES-CHIP	100	5%	1/16W
R7785	1-218-941-81	RES-CHIP	100	5%	1/16W
R7852	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7853	1-218-969-11	RES-CHIP	22K	5%	1/16W
R7855	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7860	1-218-969-11	RES-CHIP	22K	5%	1/16W
R7863	1-218-969-11	RES-CHIP	22K	5%	1/16W
R7866	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R7867	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7870	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R7872	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7920	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R7921	1-208-936-11	METAL CHIP	110K	0.5%	1/16W
R7922	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7923	1-208-956-81	METAL CHIP	750K	0.5%	1/16W
R7924	1-208-935-11	METAL CHIP	100K	0.5%	1/16W
R7925	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R7926	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R7928	1-218-990-81	SHORT CHIP	0		
R7929	1-218-990-81	SHORT CHIP	0		
R7949	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7950	1-218-941-81	RES-CHIP	100	5%	1/16W
R8020	1-218-990-81	SHORT CHIP	0		
R8021	1-218-990-81	SHORT CHIP	0		
R8022	1-218-990-81	SHORT CHIP	0		
R8023	1-218-990-81	SHORT CHIP	0		
R8024	1-218-990-81	SHORT CHIP	0		
R8025	1-218-990-81	SHORT CHIP	0		
R8026	1-218-990-81	SHORT CHIP	0		
R8027	1-218-990-81	SHORT CHIP	0		
R8030	1-218-990-81	SHORT CHIP	0		
R8051	1-218-990-81	SHORT CHIP	0		
R8052	1-218-990-81	SHORT CHIP	0		
R8053	1-218-933-11	RES-CHIP	22	5%	1/16W
R8055	1-218-990-81	SHORT CHIP	0		
R8056	1-218-990-81	SHORT CHIP	0		
R8057	1-216-864-11	SHORT CHIP	0		
R8103	1-216-864-11	SHORT CHIP	0		
R8105	1-218-977-11	RES-CHIP	100K	5%	1/16W

REF. NO.	PART NO.	DESCRIPTION			REMARK
R8107	1-218-990-81	SHORT CHIP	0		
R8108	1-218-953-11	RES-CHIP	1K	5%	1/16W
		< NETWORK RESISTOR >			
RB7300	1-234-370-21	RES, NETWORK 22		(1005X4)	
RB7302	1-234-370-21	RES, NETWORK 22		(1005X4)	
RB7303	1-234-370-21	RES, NETWORK 22		(1005X4)	
RB7310	1-234-378-21	RES, NETWORK 10K		(1005X4)	
RB7323	1-234-370-21	RES, NETWORK 22		(1005X4)	
RB7325	1-234-370-21	RES, NETWORK 22		(1005X4)	
RB7326	1-234-370-21	RES, NETWORK 22		(1005X4)	
RB7327	1-234-370-21	RES, NETWORK 22		(1005X4)	
RB7328	1-234-370-21	RES, NETWORK 22		(1005X4)	
RB7333	1-234-714-11	RES, NETWORK 56		(1005X4)	
RB7334	1-234-714-11	RES, NETWORK 56		(1005X4)	
RB7335	1-234-714-11	RES, NETWORK 56		(1005X4)	
RB7336	1-234-714-11	RES, NETWORK 56		(1005X4)	
RB7337	1-234-714-11	RES, NETWORK 56		(1005X4)	
RB7338	1-234-714-11	RES, NETWORK 56		(1005X4)	
RB7339	1-234-714-11	RES, NETWORK 56		(1005X4)	
RB7340	1-234-714-11	RES, NETWORK 56		(1005X4)	
RB7410	1-234-370-21	RES, NETWORK 22		(1005X4)	
RB7914	1-234-370-21	RES, NETWORK 22		(1005X4)	
RB7915	1-234-370-21	RES, NETWORK 22		(1005X4)	
RB7916	1-234-370-21	RES, NETWORK 22		(1005X4)	
RB7917	1-234-370-21	RES, NETWORK 22		(1005X4)	
RB7921	1-234-370-21	RES, NETWORK 22		(1005X4)	
RB7922	1-234-370-21	RES, NETWORK 22		(1005X4)	
RB7923	1-234-370-21	RES, NETWORK 22		(1005X4)	
RB7924	1-234-370-21	RES, NETWORK 22		(1005X4)	
		< VIBRATOR >			
X7300	1-813-758-21	VIBRATOR, CRYSTAL			
X7301	1-813-761-21	VIBRATOR, CRYSTAL			

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A-1206-154-A QT BOARD, COMPLETE

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		< CAPACITOR >			
C7800	1-137-765-21	ELECT CHIP	47µF	20%	16V
C7801	1-128-396-11	ELECT CHIP	470µF	20%	10V
C7802	1-115-566-11	CERAMIC CHIP	4.7µF	10%	10V
C7803	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C7805	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C7806	1-127-820-11	CERAMIC CHIP	4.7µF	10%	16V
C7807	1-137-765-21	ELECT CHIP	47µF	20%	16V
C7808	1-162-995-11	CERAMIC CHIP	0.022µF		50V
C7809	1-162-995-11	CERAMIC CHIP	0.022µF		50V
C7810	1-127-820-11	CERAMIC CHIP	4.7µF	10%	16V
C7811	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C7812	1-128-996-11	ELECT CHIP	4.7µF	20%	50V
C7813	1-165-319-11	CERAMIC CHIP	0.1µF		50V
C7816	1-128-996-11	ELECT CHIP	4.7µF	20%	50V
C7819	1-137-765-21	ELECT CHIP	47µF	20%	16V
C7820	1-100-588-21	ELECT CHIP	1000µF	20%	6.3V
C7821	1-128-996-11	ELECT CHIP	4.7µF	20%	50V
C7822	1-128-396-11	ELECT CHIP	470µF	20%	10V
C7823	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C7824	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C7825	1-125-889-91	CERAMIC CHIP	2.2µF	10%	10V
C7826	1-162-995-11	CERAMIC CHIP	0.022µF		50V
C7827	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C7828	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C7829	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C7831	1-164-156-11	CERAMIC CHIP	0.1µF		25V
C7832	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C7833	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C7841	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C7842	1-117-681-11	ELECT CHIP	100µF	20%	16V
C7844	1-162-917-11	CERAMIC CHIP	15pF	5%	50V
C7845	1-162-917-11	CERAMIC CHIP	15pF	5%	50V
C7847	1-162-905-11	CERAMIC CHIP	1pF	0.25pF	50V
C7849	1-162-905-11	CERAMIC CHIP	1pF	0.25pF	50V
C7851	1-162-917-11	CERAMIC CHIP	15pF	5%	50V
C7852	1-162-917-11	CERAMIC CHIP	15pF	5%	50V
C7853	1-162-921-11	CERAMIC CHIP	33pF	5%	50V
C7854	1-162-921-11	CERAMIC CHIP	33pF	5%	50V
C7855	1-162-921-11	CERAMIC CHIP	33pF	5%	50V
C7856	1-162-921-11	CERAMIC CHIP	33pF	5%	50V
C7857	1-162-921-11	CERAMIC CHIP	33pF	5%	50V
C7858	1-162-921-11	CERAMIC CHIP	33pF	5%	50V
C7859	1-162-921-11	CERAMIC CHIP	33pF	5%	50V
C7860	1-162-921-11	CERAMIC CHIP	33pF	5%	50V
C7896	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
		< CONNECTOR >			
CN7800	1-819-390-51	FFC/FPC CONNECTOR (ZIF) 49P			
		< DIODE >			
D7801	8-719-977-28	DIODE DTZ10B			
		< EARTH TERMINAL >			
EB7800	1-780-336-11	EARTH TERMINAL			
EB7801	1-780-336-11	EARTH TERMINAL			
		< FERRITE BEAD >			
FB7800	1-400-180-21	FERRITE	0µH		
FB7801	1-400-089-21	FERRITE	0µH		
FB7802	1-414-229-11	FERRITE	0µH		
FB7803	1-414-229-11	FERRITE	0µH		
FB7804	1-414-229-11	FERRITE	0µH		
FB7805	1-414-229-11	FERRITE	0µH		
FB7806	1-414-226-21	FERRITE	0µH		
FB7807	1-414-226-21	FERRITE	0µH		
FB7808	1-414-760-21	FERRITE	0µH		
FB7811	1-414-760-21	FERRITE	0µH		
FB7873	1-414-385-11	FERRITE	0µH		
FB7874	1-414-385-11	FERRITE	0µH		
FB7875	1-414-226-21	FERRITE	0µH		
FB7876	1-414-226-21	FERRITE	0µH		
FB7877	1-414-226-21	FERRITE	0µH		
FB7878	1-414-226-21	FERRITE	0µH		
FB7879	1-414-760-21	FERRITE	0µH		
FB7880	1-414-760-21	FERRITE	0µH		
		< IC >			
IC7800	6-708-171-01	IC MIC5235YM5TR			
IC7801	8-749-925-00	IC TK11819MTL			

REF. NO.	PART NO.	DESCRIPTION				REMARK
		< COIL >				
L7800	1-414-755-11	INDUCTOR	22µH			
L7801	1-412-642-61	INDUCTOR	1.2mH			
L7802	1-414-755-11	INDUCTOR	22µH			
L7803	1-414-754-11	INDUCTOR	10µH			
L7804	1-414-754-11	INDUCTOR	10µH			
L7805	1-414-754-11	INDUCTOR	10µH			
L7806	1-414-754-11	INDUCTOR	10µH			
		< TRANSISTOR >				
Q7800	8-729-120-28	TRANSISTOR	2SC1623-L5L6			
Q7801	8-729-600-22	TRANSISTOR	2SA1235-F			
Q7802	8-729-120-28	TRANSISTOR	2SC1623-L5L6			
Q7803	8-729-047-14	TRANSISTOR	2SC3775			
		< RESISTOR >				
R7814	1-216-864-11	SHORT CHIP	0			
R7815	1-216-864-11	SHORT CHIP	0			
R7816	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R7817	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R7818	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R7819	1-216-295-91	SHORT CHIP	0			
R7820	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R7821	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R7822	1-216-809-11	METAL CHIP	100	5%	1/10W	
R7824	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W	
R7825	1-218-891-11	METAL CHIP	68K	0.5%	1/10W	
R7826	1-218-911-11	METAL CHIP	470K	0.5%	1/10W	
R7829	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R7831	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R7837	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R7839	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R7841	1-216-835-11	METAL CHIP	15K	5%	1/10W	
R7842	1-216-809-11	METAL CHIP	100	5%	1/10W	
R7848	1-216-864-11	SHORT CHIP	0			
R7849	1-218-895-11	METAL CHIP	100K	0.5%	1/10W	
R7850	1-216-864-11	SHORT CHIP	0			
R7852	1-216-864-11	SHORT CHIP	0			
R7853	1-216-864-11	SHORT CHIP	0			
R7858	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R7860	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	
R7862	1-216-864-11	SHORT CHIP	0			
R7863	1-216-864-11	SHORT CHIP	0			
R7864	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	
R7865	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R7866	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R7867	1-216-864-11	SHORT CHIP	0			
R7869	1-216-819-11	METAL CHIP	680	5%	1/10W	
R7879	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R7880	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R7881	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R7882	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R7901	1-216-864-11	SHORT CHIP	0			
R7902	1-216-864-11	SHORT CHIP	0			
R7907	1-216-819-11	METAL CHIP	680	5%	1/10W	
R7908	1-216-819-11	METAL CHIP	680	5%	1/10W	
R7909	1-216-833-11	METAL CHIP	10K	5%	1/10W	

REF. NO.	PART NO.	DESCRIPTION				REMARK
		< TUNER >				
TU7800	8-597-561-00	TUNER, FSS BTF-CA401Z				
**********						
	A-1166-582-A	S1 BOARD, COMPLETE				
		**********				
		< CAPACITOR >				
C3150	1-100-597-91	CERAMIC CHIP	0.1µF	10%	25V	
C3151	1-165-908-11	CERAMIC CHIP	1µF	10%	10V	
C3152	1-162-915-11	CERAMIC CHIP	10pF	0.50PF	50V	
C3153	1-162-915-11	CERAMIC CHIP	10pF	0.50PF	50V	
		< CONNECTOR >				
CN3150	1-819-473-11	HEADER ASSEMBLY FOR PWB 4P				
		< IC >				
IC3150	6-706-815-01	IC TMP75AIDR				
		< RESISTOR >				
R3151	1-216-801-11	METAL CHIP	22	5%	1/10W	
R3152	1-216-801-11	METAL CHIP	22	5%	1/10W	
R3154	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R3156	1-216-864-11	SHORT CHIP	0			
R3158	1-216-864-11	SHORT CHIP	0			
**********						
	A-1166-583-A	S2 BOARD, COMPLETE				
		**********				
		< CAPACITOR >				
C3200	1-100-597-91	CERAMIC CHIP	0.1µF	10%	25V	
C3201	1-165-908-11	CERAMIC CHIP	1µF	10%	10V	
C3202	1-162-915-11	CERAMIC CHIP	10pF	0.50PF	50V	
C3203	1-162-915-11	CERAMIC CHIP	10pF	0.50PF	50V	
		< IC >				
IC3200	6-706-815-01	IC TMP75AIDR				
		< RESISTOR >				
R3201	1-216-801-11	METAL CHIP	22	5%	1/10W	
R3202	1-216-801-11	METAL CHIP	22	5%	1/10W	
R3204	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R3205	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R3206	1-216-864-11	SHORT CHIP	0			
**********						
	A-1166-584-A	T BOARD, COMPLETE				
		**********				
**********						

REF. NO.	PART NO.	DESCRIPTION	REMARK
		MISCELLANEOUS	
		**********	
⚠	1-417-716-11	ANTENNA SW	
⚠	1-474-012-11	EUC120DP/51	
⚠	1-787-333-11	D.C. FAN	
⚠	1-791-192-31	CORD, NOISE FILTER WITH POWER	
	1-826-475-11	LOUDSPEAKER (6.5X13cm)	
	1-833-203-11	LEAD WIRE WITH CONNECTOR (LVDS)	
	1-910-028-26	CONNECTOR ASSY 20P	
⚠	1-910-028-27	CONNECTOR ASSY 2P	(including temperature fuse)
⚠	8-835-860-31	MOTOR, DC SFF21C/C-NP	
⚠	8-835-873-11	MOTOR, DC SFF24A/C-NP	
⚠	A-1203-194-A	OPTICS BLOCK ASSY (A60)	(60A2000, 60A2010)
⚠	A-1203-195-A	OPTICS BLOCK ASSY (A55)	(55A2000)
⚠	A-1203-196-A	OPTICS BLOCK ASSY (A50)	(50A2000, 50A2010)
		**********	
		ACCESSORIES	
		**********	
	2-686-615-11	MANUAL, INSTRUCTION	(A2000)
	2-686-615-21	MANUAL, INSTRUCTION	(A2000)
	2-697-780-11	MANUAL, INSTRUCTION	(A2010)
		< REMOTE COMMANDER >	
	1-479-827-11	REMOTE COMMANDER (RM-YD010)	
	9-885-105-14	COVER, SLIDE (FOR RM-YD010)	
	9-885-105-15	COVER, BATTERY	
		< OPTIONAL ACCESORY >	
	93-0886-00	LAMP XL-5200	

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For Your Convenience

Please contact Sony directly if you:

· Have questions on the use of your television after reading your manual

· Experience difficulty operating your television

Contact Sony Customer Support at:

http://www.sony.com/tvsupport

or to speak with a support representative:

United States	**Canada**
1-800-222-SONY (7669)	1-877-899-SONY (7669)
8:00 AM - 10:00 PM (EST) Mon - Fri	8:00 AM - 6:00 PM (Eastern)
10:30 AM - 7:15 PM (EST) Sat - Sun	8:00 AM - 5:00 PM (Western)

Sony will work to resolve your questions more quickly than your retailer or place of purchase.

Please Do Not Return the Product to the Store

2686615111

http://www.sony.net/

Printed in U.S.A.

SONY

2-686-615-**11**(1)

SXRD

Silicon X-tal Reflective Display

SXRD Projection TV
Operating Instructions

KDS-50A2000
KDS-55A2000
KDS-60A2000

HDMI™ HIGH-DEFINITION MULTIMEDIA INTERFACE

WEGA ENGINE™

HDTV HIGH-DEFINITION TELEVISION

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Owner's Record

The model and serial numbers are located at the rear of the TV. Record these numbers in the spaces provided below. Refer to them whenever you call upon your Sony dealer regarding this product.

Model No. _____

Serial No. _____

For Your Convenience

Please contact Sony directly if you:

- Have questions on the use of your television after reading your manual
- Experience difficulty operating your television

Contact Sony Customer Support at:

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10:30 AM - 7:15 PM (EST) Sat - Sun	8:00 AM - 5:00 PM (Western)

Sony will work to resolve your questions more quickly than your retailer or place of purchase.

Please Do Not Return the Product to the Store

WARNING

To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

This symbol is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

The apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.

CAUTION

To prevent electric shock, do not use this polarized AC plug with an extension cord, receptacle or other outlet unless the blades can be fully inserted to prevent blade exposure.

Note on Caption Vision

This TV provides display of TV closed captioning in accordance with §15.119 of the FCC rules.

Declaration of Conformity

Trade Name: SONY
Model: KDS-50A2000/KDS-55A2000/KDS-60A2000
Responsible Party: Sony Electronics Inc.
Address: 16530 Via Esprillo,
San Diego, CA 92127 U.S.A.
Telephone Number: 858-942-2230

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTIFICATION

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- ☐ Reorient or relocate the receiving antenna.
- ☐ Increase the separation between the equipment and receiver.
- ☐ Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- ☐ Consult the dealer or an experienced radio/TV technician for help.

Pursuant to FCC regulations, you are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

For Customers in Canada

This Class B digital apparatus complies with Canadian ICES-003.

Safety

- ☐ Operate the TV only on 120 V AC.
- ☐ The plug is designed, for safety purposes, to fit into the wall outlet only one way. If you are unable to insert the plug fully into the outlet, contact your dealer.
- ☐ If any liquid or solid object should fall inside the cabinet, unplug the TV immediately and have it checked by qualified service personnel before operating it further.
- ☐ If you will not be using the TV for several days, disconnect the power by pulling the plug itself. Never pull on the cord.
- ☐ For details concerning safety precautions, see “Important Safety Instructions” on page 5.

Installing

- ☐ The TV should be installed near an easily accessible power outlet.
- ☐ To prevent internal heat buildup, do not block the ventilation openings.
- ☐ Do not install the TV in a hot or humid place, or in a place subject to excessive dust or mechanical vibration.
- ☐ Avoid operating the TV at temperatures below 41°F (5°C).
- ☐ If the TV is transported directly from a cold to a warm location, or if the room temperature changes suddenly, the picture may be blurred or show poor color due to moisture condensation. In this case, please wait a few hours to let the moisture evaporate before turning on the TV.
- ☐ To obtain the best picture, do not expose the screen to direct illumination or direct sunlight. It is recommended to use spot lighting directed down from the ceiling or to cover the windows that face the screen with opaque drapery. It is desirable to install the TV in a room where the floor and walls are not of a reflective material.
- ☐ See pages 11 and 12 for more information on the installation.

CAUTION

Use the following Sony appliance(s) only with the following TV STAND. Use with other TV STAND may cause instability and possibly result in injury.

	SONY APPLIANCE MODEL NO.		
	KDS-50A2000	**KDS-55A2000**	**KDS-60A2000**
SONY TV STAND MODEL NO.	SU-RS11M	SU-RS11X	

To Customers

Sufficient expertise is required for installing the specified product. Be sure to subcontract the installation to Sony dealers or licensed contractors and pay adequate attention to safety during the installation.

(Continued)

Note

This digital television is capable of receiving analog basic and digital basic television programming by direct connection to a cable system providing such programming. Certain premium, advanced and interactive digital cable services such as video-on-demand, a cable operator's enhanced program guide and data-enhanced television services may require the use of a set-top box. For more information call your local cable operator.

This television includes a QAM demodulator which should allow you to receive unscrambled digital cable television programming via subscription service to a cable service provider. Availability of digital cable television programming in your area depends on the type of programming and signal provided by your cable service provider.

Trademark Information

TruSurround XT, SRS and (●) symbol are trademarks of SRS Labs, Inc. TruSurround XT technology is incorporated under license from SRS Labs, Inc.

Manufactured under license from BBE Sound, Inc.

Licensed by BBE Sound, Inc. under one or more of the following US patents: 5510752, 5736897. BBE and BBE symbol are registered trademarks of BBE Sound, Inc.

Macintosh is a trademark licensed to Apple Computer, Inc., registered in the U.S.A and other countries.

Blu-ray Disc is a trademark.

SXRD, WEGA, Grand WEGA, Steady Sound, Digital Reality Creation and CineMotion are registered trademarks of Sony Corporation.

This TV is manufactured under license from Dolby Laboratories. "Dolby" and the double-D symbol are trademarks of Dolby Laboratories.

This TV incorporates High-Definition Multimedia Interface (HDMI™) technology. HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.

Important Safety Instructions

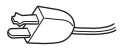
1) Read these instructions.
2) Keep these instructions.
3) Heed all warnings.
4) Follow all instructions.
5) Do not use this apparatus near water.

6) Clean only with dry cloth.

7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.

8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.



10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

11) Only use attachments/accessories specified by the manufacturer.

12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

13) Unplug this apparatus during lightning storms or when unused for long periods of time.

14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

☐ Be sure to observe the TV's "For Safety" section on page 6.

Antennas

Outdoor Antenna Grounding

If an outdoor antenna is installed, follow the precautions below. An outdoor antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can come in contact with such power lines or circuits.

WHEN INSTALLING AN OUTDOOR ANTENNA SYSTEM, EXTREME CARE SHOULD BE TAKEN TO KEEP FROM CONTACTING SUCH POWER LINES OR CIRCUITS AS CONTACT WITH THEM IS ALMOST INVARIABLY FATAL.

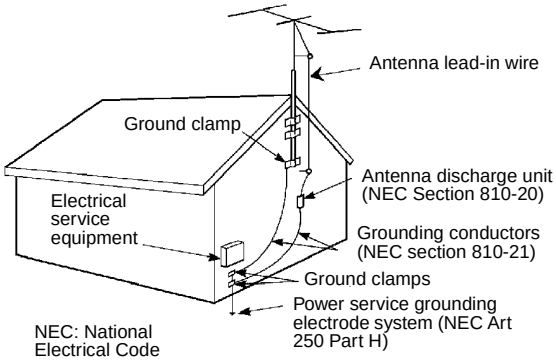
Be sure the antenna system is grounded so as to provide some protection against voltage surges and built-up static charges.

Section 810 of the National Electrical Code (NEC) in USA and Section 54 of the Canadian Electrical Code in Canada provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.

(Continued)

Antenna Grounding According to the NEC

Refer to section 54-300 of Canadian Electrical Code for Antenna Grounding.


Antenna lead-in wire
Ground clamp
Antenna discharge unit (NEC Section 810-20)
Electrical service equipment
Grounding conductors (NEC section 810-21)
Ground clamps
Power service grounding electrode system (NEC Art 250 Part H)
NEC: National Electrical Code

Cleaning

- ☐ Clean the rear cover area of the TV regularly. Dust in the rear cover area may cause a problem with the cooling system of the TV set.
- ☐ Clean the cabinet of the TV with a dry soft cloth. To remove dust from the screen, wipe it gently with a soft cloth. Stubborn stains may be removed with a cloth slightly dampened with solution of mild soap and warm water. Never use strong solvents such as thinner or benzine for cleaning. If the picture becomes dark after using the TV for a long period of time, it may be necessary to clean the inside of the TV. Consult qualified service personnel.

- ☐ Unplug the AC power cord when cleaning this unit. Cleaning this unit with a plugged AC power cord may result in electric shock.

On Contamination on the Screen Surface

The screen surface has a special coating to reduce reflections. To prevent screen damage, clean the screen as follows:

- ☐ Clean the screen with a soft cloth.
- ☐ To remove hard contamination, use a cloth moistened with a solution of mild soap and warm water. Do not spray cleaning solution directly onto the TV. It should only be sprayed to moisten the cleaning cloth.
- ☐ Do not use any type of abrasive pad, alkaline cleaner, acid cleaner, scouring powder, chemical cloth, or solvent such as alcohol, benzene or thinner, as these may scratch the screen's coating.

Service

Damage Requiring Service

Do not attempt to service the set by yourself since opening the cabinet may expose you to dangerous voltage or other hazards.

Unplug the set from the wall outlet and refer servicing to qualified service personnel.

Replacement Parts

When replacement parts are required, be sure the service technician certifies in writing that he has used replacement parts specified by the manufacturer that have the same characteristics as the original parts.

Unauthorized substitutions may result in fire, electric shock or other hazards.

See "Replacing the Lamp" on page 51.

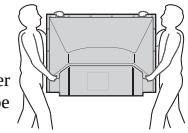
For Safety

Be Careful When Moving the TV

When you place the TV in position, be careful not to drop it on your foot or fingers.

Watch your footing while installing the TV.

Carry the TV in the Specified Manner



If you carry the TV in a manner other than the specified manner and without the specified number of persons, it may drop and a serious injury may be caused. Be sure to follow the instructions mentioned below.

- ☐ Carry the TV with the specified number of persons (see page 11).
- ☐ Hold the TV tightly when carrying it.
- ☐ Before carrying the TV, disconnect any accessories or cables.

About the TV

Although the TV is made with high-precision technology, black dots may appear or bright points of light (red, blue, or green) may appear constantly on the screen. This is a structural property of the panel and is not a defect.

Installation

- ☐ If direct sunlight or other strong illumination shines on the screen, part of the screen may appear white due to reflections from behind the screen. This is a structural property of the TV.
  Do not expose the screen to direct illumination or direct sunlight.
- ☐ The picture quality may be affected by your viewing position. For the best picture quality, install your TV according to "Recommended Viewing Area" on page 13.
- ☐ When installing your TV against a wall, keep it at least 4 inches (10 cm) away from the wall.

Projection Lamp

- ☐ Your TV uses a projection lamp as its light source. It is time to replace the lamp with a new one (not supplied) when:
  - the message, "Projection lamp is nearing end of life. Please replace the lamp." appeared on the screen,
  - the lamp replacement indicator on the front panel blinks in red,
  - screen images become dark,
  - no image appears on the display after prolonged use.
- ☐ In rare instances, the bulb may pop inside the lamp unit, but the lamp unit is designed to contain all of broken glass pieces inside the lamp unit. (See "Replacing the Lamp" on page 51.)
- ☐ When the lamp eventually burns out, you may hear a noticeable pop sound. This is normal and is inherent in this type of lamp.

Cooling Fan

This TV uses a cooling fan. You may hear the noise of fan running, depending on the placement of your TV. The noise may be more noticeable during the night or when the background noise level is low.

Objects and Ventilation Holes

Never push objects of any kind into the unit through the cabinet slots as they may touch dangerous voltage points or short out parts that could result in a fire or electric shock. Never spill liquid of any kind on the unit.

Disposal of Used Batteries

To preserve our environment, dispose of used batteries according to your local laws or regulations.

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Getting Started

Welcome

Thank you for purchasing this Sony SXRD™ projection TV. This manual is for models KDS-50A2000, KDS-55A2000 and KDS-60A2000.

Features

Some of the features that you will enjoy with your new TV include:

- ❑ **SXRD™:** SXRD is a Silicon X-tal Reflective Display technology that delivers high-level resolution, greater contrast ratio, faster response speed and film-like reproduction compared to other conventional devices.
- ❑ **WEGA Engine:** Delivers superb picture quality from any video source by minimizing the signal deterioration caused by digital-to-analog conversion and stabilizing the signal processing. This engine features unique Sony technology, including:
  - **DRC® (Digital Reality Creation)-MF V1:** Unlike conventional line doublers, the DRC Multifunction feature replaces the signal's NTSC waveform with the near-HD equivalent by digital mapping processing. The DRC Palette option lets you customize the level of detail (Reality) and smoothness (Clarity).
- ❑ **Integrated HDTV:** You can watch digital televised programs and enjoy the improved audio/video quality offered by these programs.
- ❑ **Advanced Iris:** Automatically detects the brightness of the screen. By adjusting the iris shutter, this feature can provide you with the best contrast and brightness from one scene to the next for your TV viewing.
- ❑ **Wide Screen Mode:** Allows you to watch 4:3 normal broadcasts in wide screen mode (16:9 aspect ratio).
- ❑ **CineMotion®:** Using the reverse 3-2 pull down technology, the CineMotion feature provides smoother picture movement when playing back movies or other video sources on film.
- ❑ **MENU:** Sony's unique user interface provides easy access to the popular and useful TV functions such as external inputs (switch among connected equipment), favorite channels (create a list of your favorite channels), cable channels (view cable channels), antenna channels (view antenna channels) or to customize your TV settings.
- ❑ **Parental Control:** Downloadable digital rating and V-Chip technology allows parents to block unsuitable programming from younger viewers.
- ❑ **Component Video Inputs:** Offers a high-quality video for DVD (480p, 480i) and digital set-top box (1080i, 720p, 480p, 480i) connections.
- ❑ **S VIDEO Inputs:** Provides high-quality image from connected equipment.

- **Favorite Channels:** Using the MENU function, you can view and select from a list of up to 16 favorite channels without leaving the current channel.
- **Steady Sound®:** Equalizes volume levels so there is consistent output between programs and commercials.
- **PC Input:** Allows you to connect your PC and display the PC screen on your TV.
- **HDMI (High-Definition Multimedia Interface):** Provides an uncompressed, all-digital audio/video interface between this TV and any HDMI-equipped audio/video component, such as a set-top box, Blu-ray Disc™ Player (BD), DVD player, and A/V receiver. HDMI supports enhanced, or high-definition video, plus two-channel digital audio.

Notes on the TV

To enjoy clear picture

- Prevent sunlight or other light sources from shining directly onto the screen.
- The screen surface is easily scratched. Do not rub, touch, or tap it with sharp or abrasive objects (see “On Contamination on the Screen Surface” on page 6).

When not using the TV for a long period of time

- Unplug the AC power cord from the outlet if you anticipate not using the TV for more than a week.

When turning off the power

- The cooling fan will continue to operate for about two minutes. Allow several minutes before unplugging from the outlet or switching the breaker off.

On moisture condensation

- If your TV is moved directly from a cold to a warm location or is placed in a humid room, or if the room temperature changes suddenly, the picture may blur or show poor color. This is caused by moisture condensation on the lenses inside. Wait a few hours to let the moisture evaporate before turning on the TV. When the condensation has evaporated, the picture will return to normal.

Screen

To minimize reflection, the screen surface has a special coating. Inappropriate cleaning methods could damage the screen surface. Special care is required.

Cleaning the Screen Surface

Dust and dirt on the screen can affect the picture quality. To dust off the screen use a soft cloth. Be sure to follow the cleaning instruction on page 6 for stubborn stains and dirt.

Temporary Image Retention

When high contrast non-moving images such as station logos and channel numbers are displayed for a long period of time, there may be some image retention on the screen. This is only a temporary condition. Turning off the power for a while or letting the TV run on another channel will eliminate the retained image.

Projection Lamp

To replace the lamp, see page 51.

Your TV uses a projection lamp as its light source. As with any lamp, it has a lifespan and needs to be replaced when the LAMP LED blinks or the screen becomes darker. Your TV also has a function to display a message "Projection lamp is nearing end of life. Please replace the lamp." to let you know that the lamp has reached its expected lifespan. Note the following:

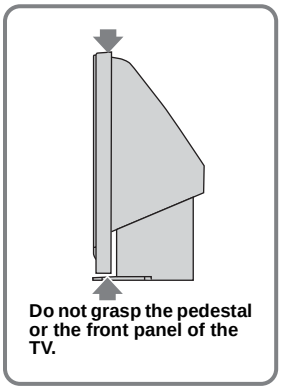
- After turning on your TV, it may take a while (1 minute or less) before the picture appears.
- When the projection lamp wears out, the screen goes dark. Replace the lamp with a new Sony XL-5200 replacement lamp (not supplied).
- After the lamp is replaced, set the Lamp Replacement option in the Setup settings (see page 47).

✍ Until you set the Lamp Replacement option, a message announcing that the lamp is at the end of its life will appear every time you turn on your TV.

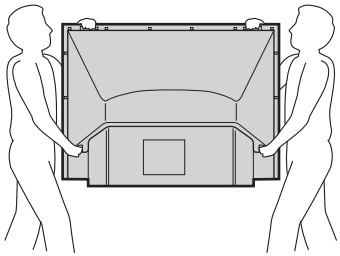
✍ The light emitted from the lamp is quite bright when your TV is in use. To avoid eye discomfort or injury, do not look into the light housing when the power is on.

Installing the TV

Carrying Your TV



Carrying the TV requires at least two people. Do not hold by the pedestal or the front panel of the TV. Doing so may cause these parts to break off. When moving the TV, place one hand in the hole on the lower portion of the TV while supporting the top with the other hand, as shown in the illustration below.



If you have connected cables and cords, be sure to unplug them before moving the TV.

Take Precaution during Installation

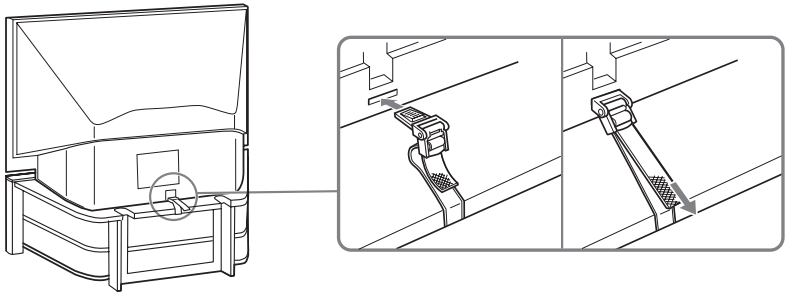
To ensure the safety of children and the TV, keep children away from the TV during installation. Climbing on or pushing the TV or its stand may cause it to fall and damage the TV.

Preventing the TV from Toppling Over

As a protective measure, secure the TV as follows.

Using the TV stand with support belts

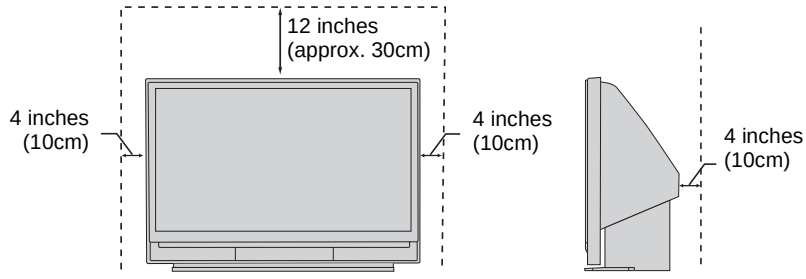
- ❑ Sony strongly recommends using the TV stand SU-RS11M (for KDS-50A2000)/SU-RS11X (for KDS-55A2000, KDS-60A2000) with a support belt designed for your TV.



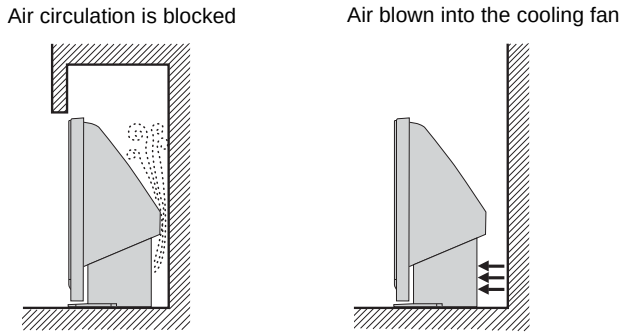
✍ When using the SU-RS11M (for KDS-50A2000)/SU-RS11X (for KDS-55A2000, KDS-60A2000) stand for your TV, you must use the support belt.

When Installing Your TV against a Wall

Keep your TV at least 4 inches (10 cm) away from the wall to provide proper ventilation. Blocking the ventilation opening of the cooling fan may damage the TV.



Never install the TV as follows



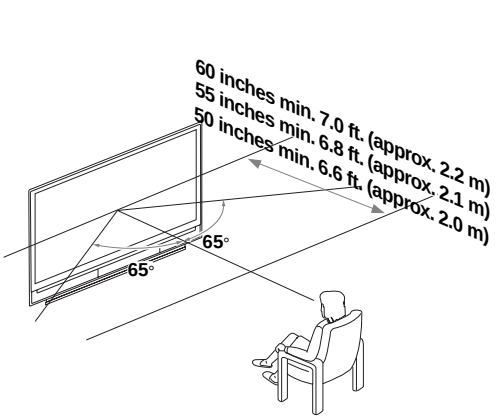
✍ Do not install the TV near any ventilation, as it may affect the normal TV operating temperature.

Recommended Viewing Area

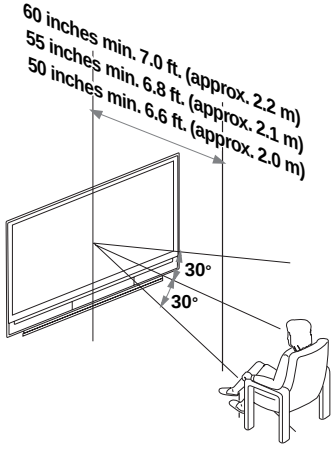
Your viewing position may affect the picture quality.
For the best picture quality, install your TV within the areas shown below.

Model	Viewing distance
KDS-50A2000	min. 6.6 ft. (approx. 2.0 m)
KDS-55A2000	min. 6.8 ft. (approx. 2.1 m)
KDS-60A2000	min. 7.0 ft. (approx. 2.2 m)

Horizontal Viewing Area



Vertical Viewing Area



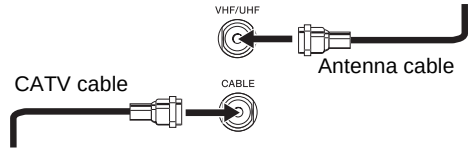
✍ Install the TV in a location that avoids reflections from external light sources.

✍ Reflections from external light sources may cause unwanted illuminations in certain areas of the picture (typically dark areas). These types of illuminations can occur with the TV's power on or off.

Connecting the TV

To display clear crisp pictures, you must connect your TV correctly and select the correct Wide Mode to display the picture in the correct aspect ratio (see "Changing the Wide Screen Mode" on page 25). It is strongly recommended that you connect the antenna/cable input using 75-ohm coaxial cable to receive optimum picture quality signal. A 300-ohm twin lead cable can be easily affected by radio noise and the like, resulting in signal deterioration. If you use a 300-ohm twin lead cable, keep it as far away from the TV as possible. Do not use an indoor antenna, which is especially susceptible to radio noise.
You can also connect a variety of optional equipment to your TV (see page 15). For multiple equipment connections, please refer to the separate Quick Setup Guide.

Cable System and VHF/UHF Antenna System



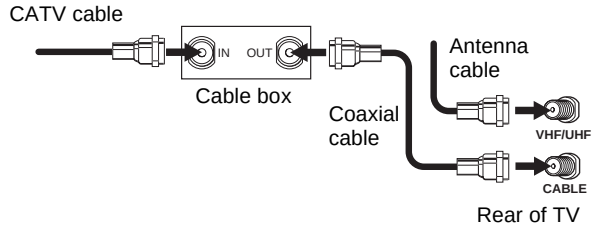
✍ Press ANT to switch between VHF/UHF and cable.

Cable Box/Digital Cable Box and Antenna

To change channels using the cable box, set your TV to channel 3 or 4 depending on the cable box channel output.

Use this hookup if

- ❑ Your cable company scrambles some channels, such as premium channels. Viewing all channels requires a cable box.
- ❑ You do not intend to hook up any other audio or video equipment to your TV.



✍ To set up the TV remote control, see "Programming the Remote Control" on page 26.

✍ Press SAT/CABLE to begin operating the cable box with the remote control (see page 22). The indicator will light up.

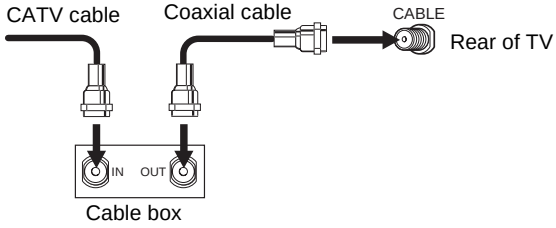
✍ Press ANT to switch between VHF/UHF and cable.

Cable Box/ Digital Cable Box

To change channels using the cable box, set your TV to channel 3 or 4 depending on the cable box channel output.

Use this hookup if

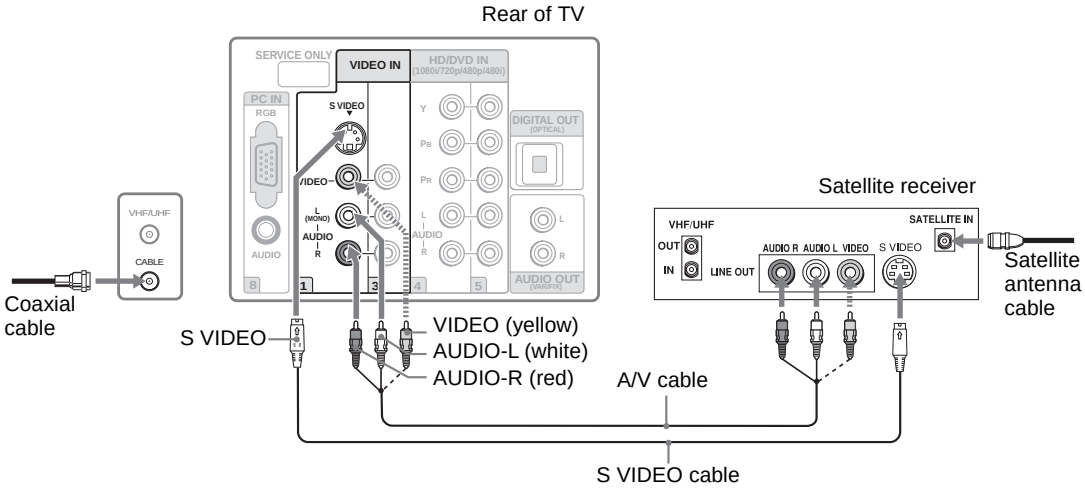
- ❑ You subscribe to a cable TV system that uses scrambled or encoded signals requiring a cable box to view all channels, and
- ❑ You do not intend to hook up any other audio or video equipment to your TV.



✍ To set up the TV remote control, see “Programming the Remote Control” on page 26.

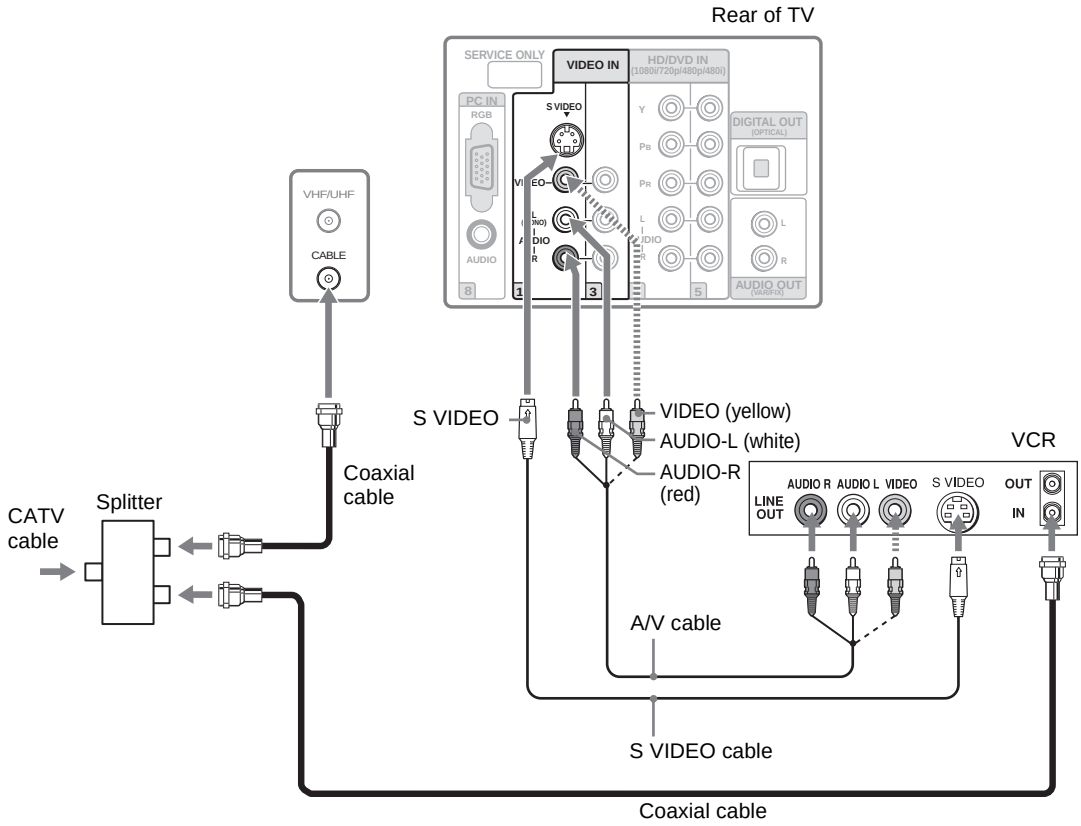
✍ Press SAT/CABLE to begin operating the cable box with the remote control (see page 22). The indicator will light up.

Satellite Receiver and Cable/Antenna



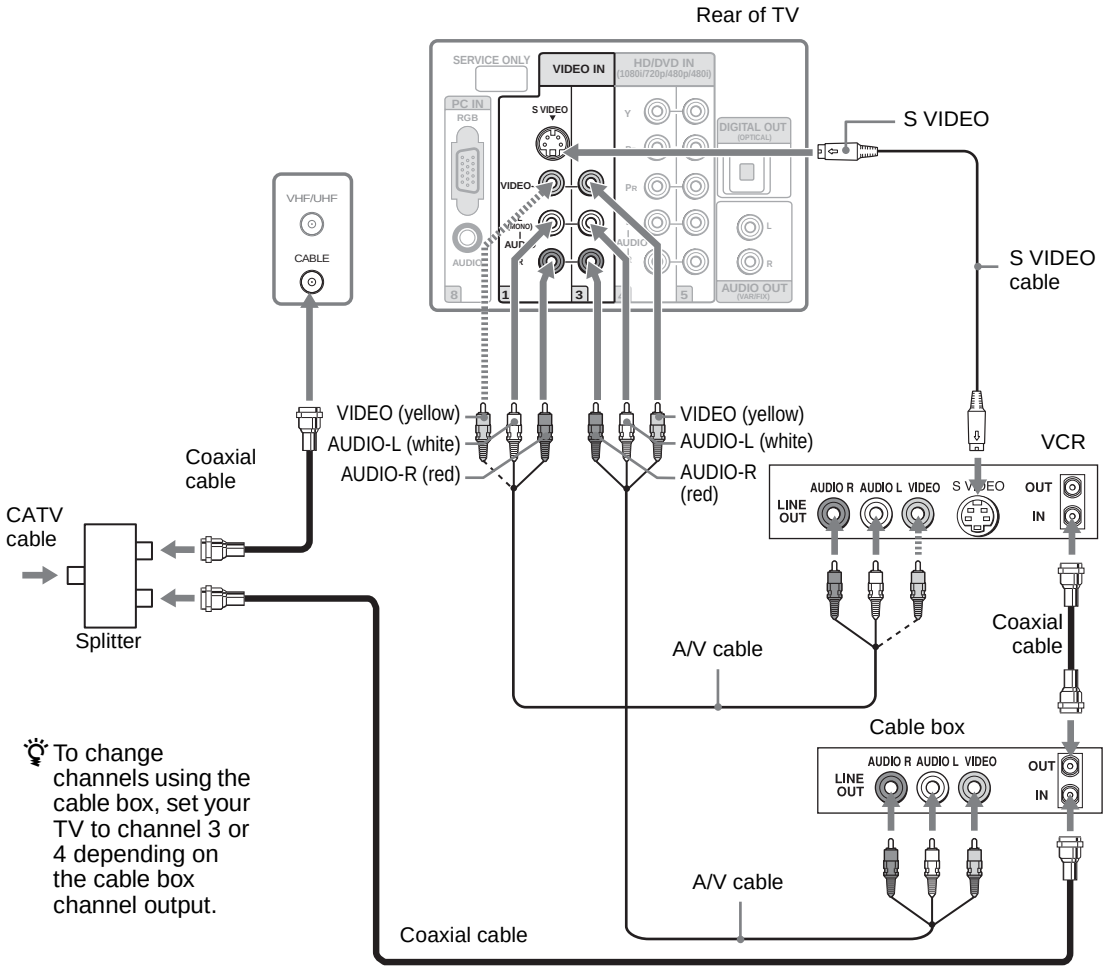
✍ If your satellite receiver is not equipped with S VIDEO, use a VIDEO cable (yellow) instead of the S VIDEO cable.

VCR and Cable



✍ If your VCR is not equipped with S VIDEO, use a VIDEO cable (yellow) instead of the S VIDEO cable.

VCR and Cable Box/ Digital Cable Box



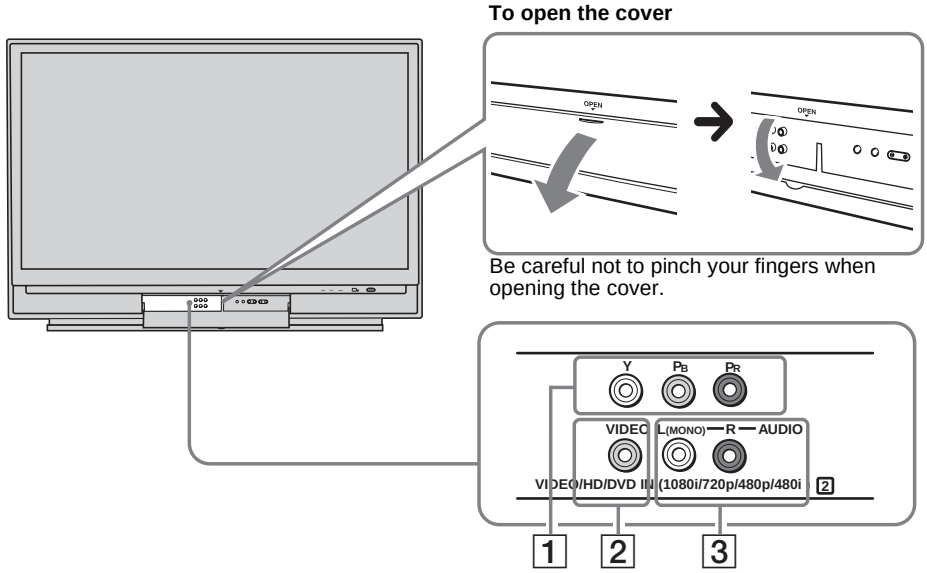
To change channels using the cable box, set your TV to channel 3 or 4 depending on the cable box channel output.

✍ If your VCR is not equipped with S VIDEO, use a VIDEO cable (yellow) instead of the S VIDEO cable.

✍ If you are connecting a digital cable box, you will need a special bidirectional splitter designed to work with your cable box.

When Connecting to Optional Equipment

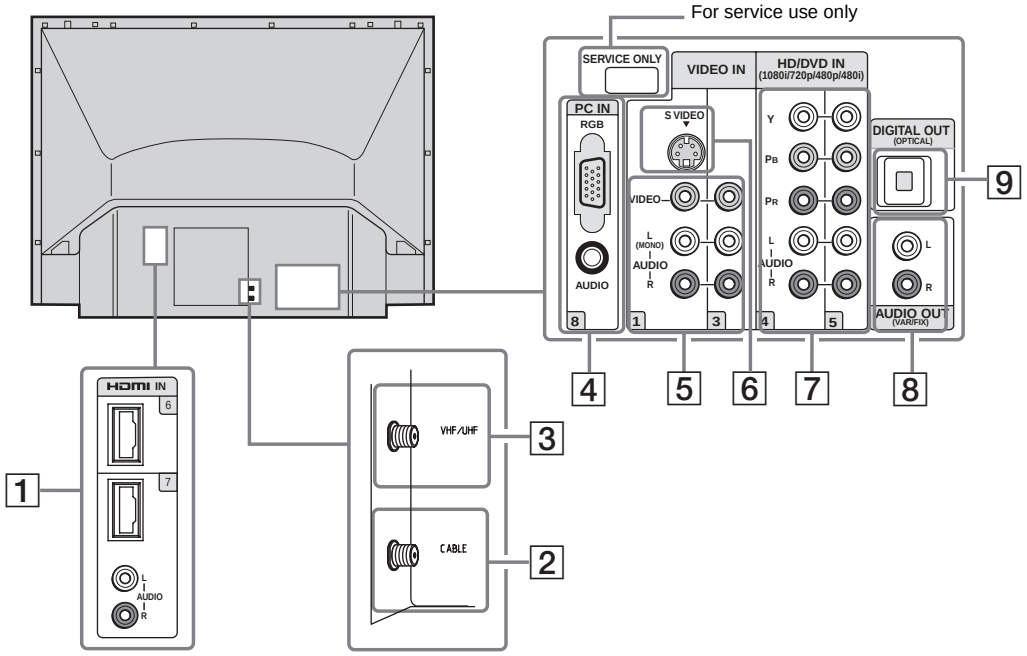
Front Panel



Jack	*Description*
1 HD/DVD IN 2 (1080i/720p/480p/480i)	Connects to your equipment's component video (YPBPR) output jacks. Component video provides better picture quality than the S VIDEO (6 of rear panel) or the composite video 2 connection. When Auto is selected for the Video 2 (Component) option in the Setup settings, the component video function will be the default stream when present (see page 46). ✍ Component video (YPBPR) connection is necessary to view 480i, 480p, 720p, and 1080i formats. Note that this TV displays all format types of picture in a resolution of 1,920 dots × 1,080 lines.
2 VIDEO IN 2 VIDEO	Connect to the composite video output jacks on your camcorder or other video equipment such as video game equipment.
3 AUDIO IN 2 L (MONO)-R-AUDIO	Connects to the audio (L/R) output jacks of your equipment, including camcorders, video game equipment, to which you want easy access. ✍ If you have mono equipment, connect its audio output jack to the TV's L (MONO) audio input jack.

✍ When connecting composite video to VIDEO IN 2, be sure to select Video 2 (Component) to Off in the Setup settings to activate both audio and video function for composite connection (see page 46).

Rear Panel



Jack	Description
1 HDMI IN 6/7 L-AUDIO-R	HDMI (High-Definition Multimedia Interface) provides an uncompressed, all-digital audio/video interface between this TV and any HDMI-equipped audio/video equipment, such as a set-top box, Blu-ray Disc Player, DVD player, and A/V receiver. HDMI supports enhanced, or high-definition video, plus two-channel digital audio. If the equipment has a DVI jack and not an HDMI jack, connect the DVI jack to the HDMI IN 7 (with HDMI-to-DVI cable and/or adapter) jack, and connect the audio jack to the AUDIO IN(L/R) jacks of HDMI IN 7. (DVI connector is for video signals only.)

HDMI-to-DVI cable

HDMI adapter

Audio cable

✍ Do not connect a PC to the TV's HDMI input. Use the PC IN (RGB IN) input instead when connecting a PC.

✍ HDMI connection is necessary to view 480i, 480p, 720p, 1080i, and 1080p formats. Note that this TV displays all format types of picture in a resolution of 1,920 dots × 1,080 lines.

(Continued)

Jack		Description
2	CABLE	Connects to your cable signal. This CABLE input jack, in conjunction with the VHF/UHF input jack, lets you set up your TV to switch between scrambled channels (coming through a cable box) and unscrambled cable channels. For details, see page 14. ✍ VHF/UHF input receives over-the-air broadcast signal frequencies and CABLE input receives CATV signal frequencies.
3	VHF/UHF	Connects to your VHF/UHF antenna.
4	PC IN 8 (RGB/AUDIO)	Connect to a personal computer's video output connector using HD15-HD15 cable (analog RGB, not supplied). Can also be connected to other analog RGB devices. See "PC Input Signal Reference Chart" on page 60 for the signals that can be displayed. ✍ For some Apple Macintosh computers, it may be necessary to use an adapter (not supplied). If this is the case, connect the adapter to the computer before connecting the HD15-HD15 cable. ✍ If the picture is noisy, flickering or not clear, adjust the Phase and Pitch of the PC settings as described on page 50.
5	VIDEO IN 1/3 VIDEO/ L (MONO)-AUDIO-R	Connect to the composite video and audio output jacks on your A/V equipment such as a VCR or other video equipment. A third composite video and audio jack (VIDEO 2) is located on the front panel of the TV.
6	VIDEO IN 1 S VIDEO	Connects to the S VIDEO output jack of your VCR or other video equipment that has S VIDEO. S VIDEO provides better picture quality than the composite video (5).
7	HD/DVD IN 4/5 (1080i/720p/ 480p/480i)/ L-AUDIO-R	Connect to your equipment's component video ($Y P_B P_R$) and audio (L/R) jacks. Component video provides better picture quality than the S VIDEO (6) or the composite video (5) connections. ✍ Component video ($Y P_B P_R$) connection is necessary to view 480i, 480p, 720p, and 1080i formats. Note that this TV displays all format types of picture in a resolution of 1,920 dots × 1,080 lines.
8	AUDIO OUT (VAR/FIX)	Connect to the left and right audio input jacks of your audio or video equipment. You can use these outputs to listen to your TV's audio through your stereo system.
9	DIGITAL OUT (OPTICAL)	Connects to the optical audio input of digital audio equipment that is PCM/Dolby* digital compatible. (DIGITAL OUT (OPTICAL) is only available for digital channels.)

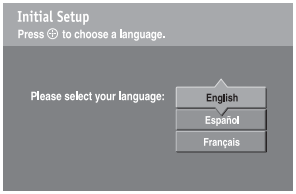
* Manufactured under license from Dolby Laboratories. "Dolby" and the double-D symbol are trademarks of Dolby Laboratories.

Setting Up the Channel List - Initial Setup

After you finish connecting the TV, you can run the Initial Setup to create a list of available analog and digital channels. The Initial Setup screen appears when you turn on the TV for the first time after hooking it up.

1 Press TV POWER to turn on the TV.
The Initial Setup screen appears.

2 Press ↑/↓ to highlight the on-screen display language. Then press ⊕. The message “Start auto program now?” appears.

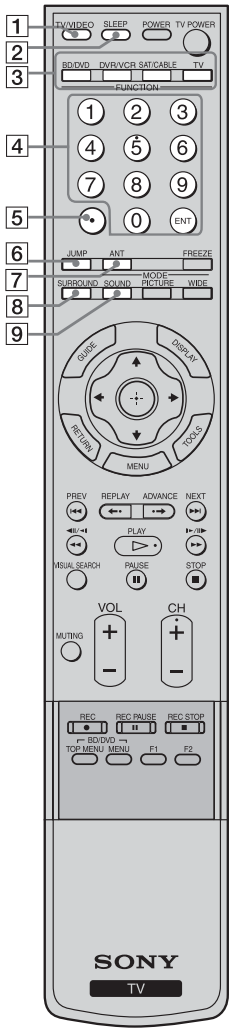


3 Press ↑/↓ to highlight “Yes” then press ⊕.

Auto Program performed through Initial Setup will automatically create a list of receivable channels from both VHF/UHF antenna and cable TV channels if both sources are connected.
If you choose to set up the channels at a later time, select the Auto Program option in the Channel settings to scan available channels (see page 41).

✍ If you select "No" during Initial Setup, the Initial Setup screen will reappear each time you turn on the TV until you complete Auto Program.

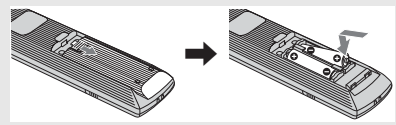
Using the Remote Control

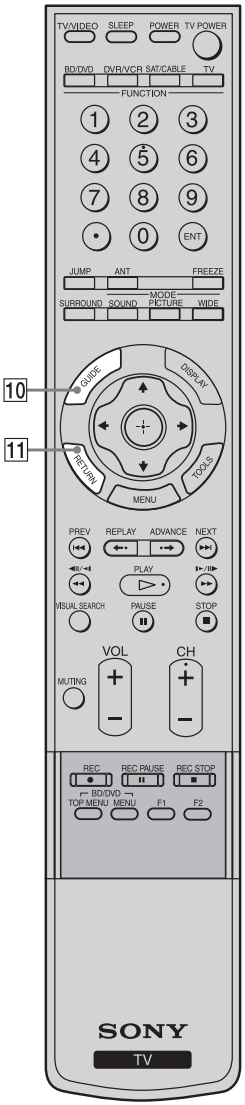


Button	Description
1 TV/VIDEO	Press repeatedly to cycle through the video inputs.
	✍ See page 45 for information on setting up the video input labels, including the Skip function.
2 SLEEP	Press repeatedly until the TV displays the time in minutes (Off, 15, 30, 45, 60, 90 or 120) that you want the TV to remain on before shutting off. To cancel Sleep, press SLEEP repeatedly until Off appears.
3 FUNCTION Buttons	The FUNCTION button indicator lights up momentarily when pressed to show which external equipment the remote control is operating. When the remote control is set to operate the external equipment, these buttons will operate the equipment you choose. You must first press one of these FUNCTION buttons to operate the corresponding equipment. See page 26 for programming the remote control.
4 0 - 9, ENT	Press 0-9 to select a channel; the channel changes after two seconds. Press ENT to change channels immediately.
5 ⊙	Use with the 0-9 and ENT buttons to select digital channels. For example, to enter 2.1, press (2), ⊙, (1) and ENT.
6 JUMP	Press to jump back and forth between two channels. The TV alternates between the current channel and the last channel that was selected.
7 ANT	Press to change between the VHF/UHF input and the CABLE input.
8 SURROUND	Press to select TruSurround XT audio effect or Off to turn this feature off.
9 SOUND	Press to cycle through different sound settings: Dynamic for enhanced treble and bass, Standard for spoken dialog and Custom for flat setting.

✍ The 5 button, CH + button and PLAY button have a tactile dot. Use the tactile dot as a reference when operating the TV.

✍ Insert two size AA (R6) batteries (supplied) by matching the ⊕ and ⊖ on the batteries to the diagram inside the remote control's battery compartment.

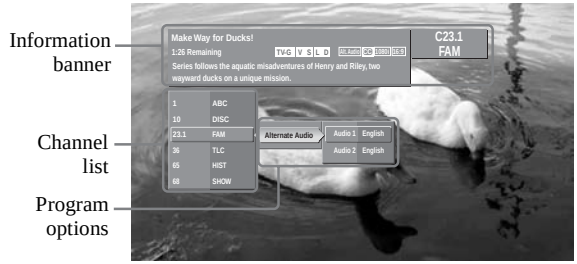




Button	Description
10 GUIDE	Press to display the guide when you are watching analog or digital channels.

Using the Guide

The guide allows you to select the channels from a channel list. The guide also provides information about the current program being shown on each channel (if information is available from the station).



✍ Program information in the guide is provided by the broadcasters. As a result, it may sometimes include only the channel number, without a program title or description.

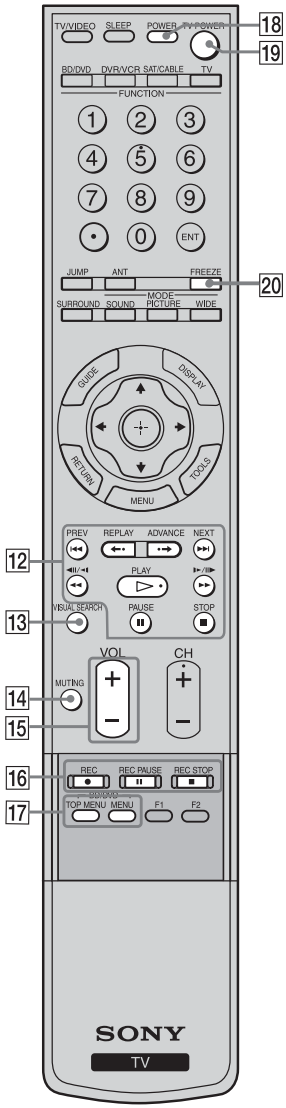
Using the Program Options Setting

The program options setting allows you to customize the program settings on the currently tuned channel.

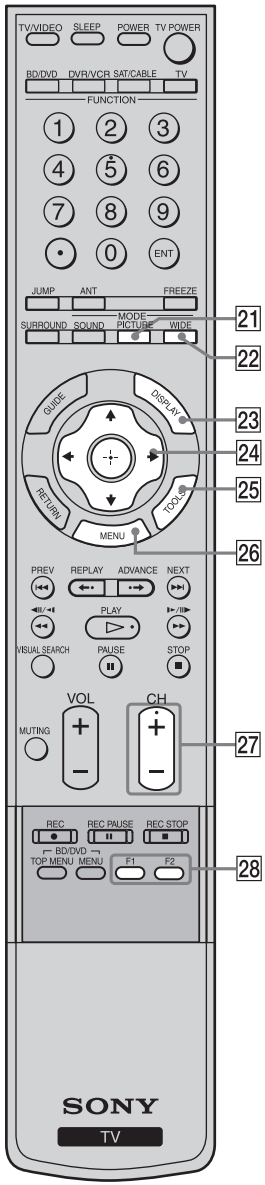
Alternate Audio (When available)	Each program has a main audio stream (the audio you hear when the channel is first tuned), and may have alternate audio streams. This option allows you to switch among the alternate audio stream, when the broadcaster provides an alternate audio stream (for instance, the audio may contain a different language).

11 RETURN	Press to go back to the previous screen when displaying MENU items and settings.

(Continued)

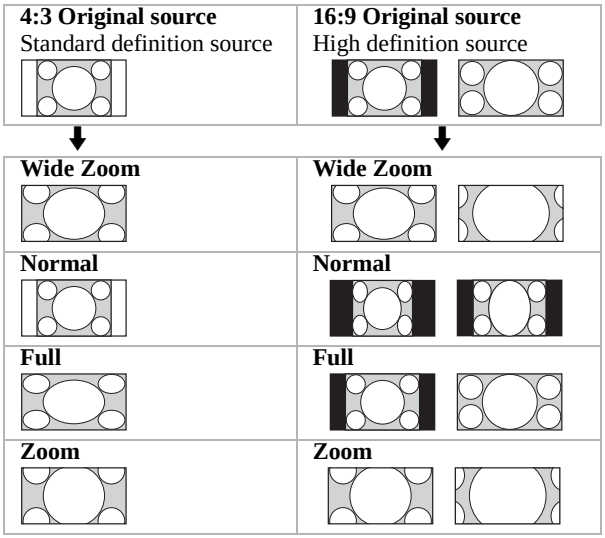


Button	Description
12 BD/DVD, DVR/VCR Operating Buttons	When FUNCTION is switched on BD (Blu-ray Disc)/DVD or DVR/VCR, these buttons operate the video equipment you have programmed into the remote control. For details, see "Using Other Equipment with Your Remote Control" on page 28. ⏮ PREV: Press to replay the current program from the previous chapter mark (if any) or from the beginning of the live TV cache. ⏪ REPLAY: Press to replay the current program for a set period of time. ⏩ ADVANCE: Press to advance forward a set period of time when playing back a recorded program. ⏭ NEXT: Press to advance forward to the next chapter mark (if any) or to live TV when playing back a recorded program. ◀◀ (fast reverse): Press to play a program in fast rewind mode. ▷ PLAY: Press to play a program at a normal speed. ▶▶ (fast forward): Press to play a program in fast forward mode. ❚❚ PAUSE: Press to pause playback. ■ STOP: Press to stop the playback of a recorded program.
13 VISUAL SEARCH	Only for Sony DVD recorders with the visual search function. For details, see the operating instructions supplied with the DVD recorder.
14 MUTING	Press to mute the sound. Press again or press VOL + to restore the sound. ✍ The MUTING function is not available when Speaker is set to Off and Audio Out is set to Fixed.
15 VOL +/–	Press to adjust the volume.
16 DVR/VCR Record Buttons	● REC: Press to record. Pressing this button alone starts the recording process. ❚❚ REC PAUSE: Press to pause the recording. ■ REC STOP: Press to stop the recording.
17 BD/DVD TOP MENU/MENU	Press to display the top menu or menu. ✍ For further information, refer to the operating manual of the connected equipment.
18 POWER	Press to turn on and off the external equipment selected from the FUNCTION buttons 3.
19 TV POWER	Press to turn on and off the TV.
20 FREEZE	Press once to display a frozen image of the current program. Press again to return to the program. Current program in progress Frozen picture Freeze



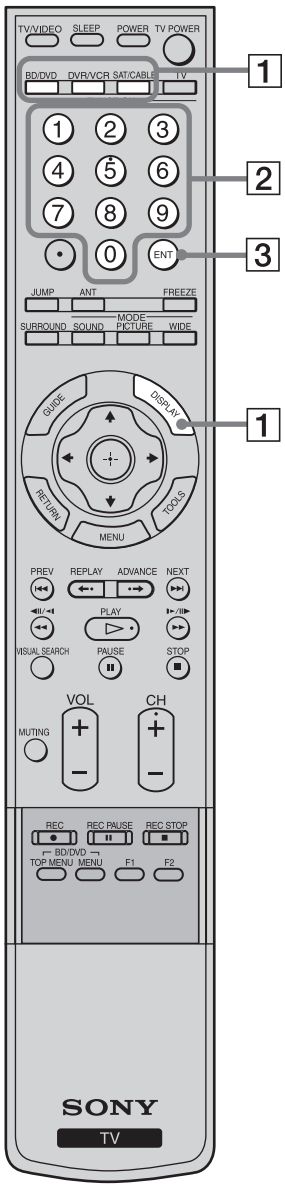
Button	Description
21 PICTURE	Press repeatedly to cycle through the available picture modes: Vivid, Standard, Custom. The picture modes can be also accessed in the Picture settings. For details, see "Picture Settings" on page 34.
22 WIDE	Press repeatedly to step through the Wide Mode settings: Wide Zoom, Normal, Full, Zoom. The Wide Mode settings can be also accessed in the Screen settings. See page 39.

Changing the Wide Screen Mode



23 DISPLAY	Press once to display the current channel number, channel label, program-related information (if available), time, Wide Mode settings and remaining sleep time (when Sleep is set, see page 46). The OSD (on screen display) will turn off automatically in a few seconds, or you can press DISPLAY again to turn it off immediately.
24 ↑/↓/←/→ ⊕	Press ↑/↓/←/→ to move the on-screen cursor. Press ⊕ to select/confirm an item.
25 TOOLS	Press to access the Tools menu with commonly used options such as: Picture Mode, Sound Mode, Wide Mode, Add to Favorites, Caption Vision (CC) and Alternate Audio. ✍ The menus you can select may vary depending on the input signal.
26 MENU	Press to display the MENU with TV functions and settings. See "Overview of MENU" on page 32.
27 CH +/–	Press to scan through channels. To scan quickly through channels, press and hold down either +/–.
28 F1/F2	Press to select the function of connected components. For details, see "Using Other Equipment with Your Remote Control" on page 28.

Programming the Remote Control



The remote control is preset to operate Sony brand video equipment.

Sony Equipment	*Programmable Code Number*
BD/DVD	101 (Sony Blu-ray Disc Player)
DVR/VCR	901 (Sony Dream System)
SAT/CABLE	801 (Sony Satellite Receiver)

Follow the steps below to program your TV's remote control to operate non-Sony video equipment.

Find the three-digit code for your equipment from the "Manufacturer's Codes" listed on page 27. If more than one code number is listed, try entering from the code listed first.

1 Press and hold the BD/DVD, DVR/VCR or SAT/CABLE FUNCTION button you want to program on the remote control and press the DISPLAY button simultaneously. The selected FUNCTION button (BD/DVD, DVR/VCR or SAT/CABLE) will flash.

2 Enter the three-digit manufacturer's code number using the ⓪-⑨ buttons while the FUNCTION button is lit. If the code is not entered within 10 seconds, you must start again from step 1.

3 Press the ENT button while the FUNCTION button is lit.
When the programming is correct, the selected FUNCTION button blinks twice, and when not, blinks five times.

✍ While BD/DVD, DVR/VCR and SAT/CABLE buttons are labeled as such, you can still program any of your connected equipment using any one of the buttons regardless of the label. For example, BD/DVD button can be programmed to operate your VCR. If you have a DVD/VCR combo that you want to operate with your TV remote control, you can program with the BD/DVD or DVR/VCR or even the SAT/CABLE, but remember which button you have programmed for your particular use.

To check if the code works

Aim your TV's remote control at the equipment, and press the green POWER button. If you can turn the equipment on and off by using the remote control, then the programming is complete. If not, try the next code listed.

✍ If no code is input within the above specified time, or an invalid or incorrect code number is input, the remote control automatically goes back to the previous setting.

✍ In some cases, you may not be able to program your remote control to operate other equipment. In such cases, use the equipment's own remote control.

Manufacturer's Codes

DVD Players

Manufacturer	Code
Sony	751, 763
General Electric/RCA	755
Hitachi	758
JVC	756
Magnavox	757
Mitsubishi	761
Oritron	759
Panasonic	753
Philips	757
Pioneer	752, 778
RCA/PROSCAN	755
Samsung	758
Toshiba	754
Zenith	760, 762

DVD/VCR Combo Units

Manufacturer	Code
Sony	767
Broksonic	776
JVC	775
Panasonic	777
Samsung	774
Toshiba	773
Zenith	768

HDD/DVD Combo Units

Manufacturer	Code
Sony	770, 771, 772

DVD Changers

Manufacturer	Code
Sony	765
Panasonic	766

DVR

Manufacturer	Code
Sony	901

Blu-ray Disc Player (BD)

Manufacturer	Code
Sony	101, 102, 103

5.1ch DVD AV System

Manufacturer	Code
Sony (DAV)	601, 602, 603, 604

AV Receivers

Manufacturer	Code
Sony	764

VCRs

Manufacturer	Code
Sony	301, 302, 303 (VHS, 8mm, Beta)
Sony DV	348
Admiral (M. Ward)	327
Aiwa*	338, 344
Audio Dynamic	314, 337
Broksonic	317, 319
Canon	308, 309
Citizen	332
Craig	302, 332
Curtis Mathes	304, 309, 338
Daewoo	309, 312, 341
DBX	314, 336, 337
Dimensia	304
Emerson	316, 317, 318, 319, 320, 341
Fisher	330, 335
Funai	338
General Electric	304, 309, 329
Go Video	322, 339, 340
Goldstar	332
Hitachi	304, 305, 306, 338
Instant Replay	308, 309
JC Penney	304, 305, 309, 314, 330, 336, 337
JVC	314, 336, 337, 345, 346, 347
Kenwood	314, 332, 336, 337
LG	332
LXI (SEARS)	305, 330, 332, 335, 338
Magnavox	308, 309, 310
Marantz	314, 336, 337
Marta	332
Memorex	309, 335
Minolta	304, 305
Mitsubishi/MGA	323, 324, 325, 326
Multitech	321, 325, 338
NEC	314, 336, 337
Olympic	308, 309
Optimus	327
Orion	317
Panasonic	306, 307, 308, 309
Pentax	304, 305
Philco	308, 309
Philips	308, 309, 310
Pioneer	308
Quasar	306, 308, 309
RCA/PROSCAN	304, 305, 308, 309, 310, 311, 312, 313, 329
Realistic	309, 324, 328, 330, 335, 338
Sansui	314
Samsung	313, 321, 322
Sanyo	330, 335
Scott	312, 313, 321, 323, 324, 325, 326, 335
Sharp	327, 328
Signature 2000 (M. Ward)	327, 338
SV2000	338
Sylvania	308, 309, 310, 338
Symphonic	338
Tashiro	332
Tatung	314, 336, 337
Teac	314, 336, 337, 338
Technics	308, 309
Toshiba	311, 312
Wards	327, 328, 331, 332, 335
Yamaha	314, 330, 336, 337
Zenith	331

Cable Boxes

Manufacturer	Code
Sony	230
Hamlin/Regal	222, 223, 224, 225, 226
Jerrold/ General Inst./ Motorola	201, 202, 203, 204, 205, 206, 207, 208, 218, 222
Oak	227, 228, 229
Panasonic	219, 220, 221
Pioneer	211, 214, 215
Scientific Atlanta	209, 210, 211
Tocom	216, 217
Zenith	212, 213

Satellite Receivers

Manufacturer	Code
Sony	801
Dish Network	810
Echostar	810
General Electric	802
Hitachi	805
Hughes	804
JVC	810
Mitsubishi	809
Panasonic	803
Philips	811
RCA/PROSCAN	802, 808
Toshiba	806, 807
Samsung	812

* If an Aiwa VCR does not work even though you enter the code for Aiwa, enter the code for Sony instead.

Using Other Equipment with Your Remote Control

To operate other equipment connected to your TV, first turn to page 27 and program the necessary code. For operating video equipment, press TV/VIDEO repeatedly until you see the video input on the screen for your connected equipment. Remote control tips are provided below.

✍ Some functions cannot be operated depending on the equipment. In that case, operate by the remote control supplied with the equipment.

Operating a Cable Box

To Do This ...	*Press ...*
Activate the remote control to operate the cable box	SAT/CABLE (FUNCTION)
Turn on/off	POWER

To Do This ...	*Press ...*
Select a channel	0-9, ENT
Change channels	CH +/–
Back to previous channel	JUMP

Operating a Satellite Receiver

To Do This ...	*Press ...*
Activate the remote control to operate the satellite receiver	SAT/CABLE (FUNCTION)
Turn on/off	POWER
Select a channel	0-9, ENT
Change channels	CH +/–
Back to previous channel	JUMP

To Do This ...	*Press ...*
Display channel number	DISPLAY
Display SAT Guide	GUIDE
Display SAT Menu	MENU
Move highlight (cursor)	▲ ▼ ◀ ▶
Select item	⊕

Operating a VCR

To Do This ...	*Press ...*
Activate the remote control to operate the VCR	DVR/VCR (FUNCTION)
Turn on/off	POWER
Change channels	CH +/–
Record	●
Play	▷
Stop	■

To Do This ...	*Press ...*
Fast forward	▶▶
Rewind the tape	◀◀
Pause	❚❚ (press again to resume normal playback)
Select a channel	0-9, ENT
INPUT SELECT	TV/VIDEO

Operating a DVD Player or DVD Changer

To Do This ...	*Press ...*
Activate the remote control to operate the DVD	DVD/VCR (FUNCTION)
Turn on/off	POWER
If you have a DVD changer, to skip disc	F1
Play	▷
Stop	■
Pause	❚❚ (press again to resume normal playback)

To Do This ...	*Press ...*
Step through different tracks of the disc	◀◀ to fast reverse or ▶▶ to fast forward the disc when pressed during playback
Step through different chapters of the disc	▶▶I to step forward or I◀◀ to step backward
Select a track directly	0-9, ENT
Display the disc menu or top menu	BD/DVD MENU or TOP MENU
Display the system MENU	MENU
Operate the DVD menu	▲ ▼ ◀ ▶, ⊕

Operating a Blu-ray Disc Player (BD)

To Do This ...	Press ...
Activate the remote control to operate the Blu-ray Disc Player	BD/DVD (FUNCTION)
Turn on/off	POWER
Play	▷
Stop	■
Pause	❚❚ (press again to resume normal playback)

To Do This ...	Press ...
Step through different tracks of the disc	◀◀ to fast reverse or ▶▶ to fast forward the disc when pressed during playback
Display the POP UP menu (BD)	BD/DVD MENU
Display the disc menu (DVD)	BD/DVD MENU
Display the top menu (BD)	BD/DVD TOP MENU
Display the top menu (DVD)	BD/DVD TOP MENU
Operate the menu	↑ ↓ ← →, ⊕

Operating a 5.1ch DVD AV System (Sony DAV)

To Do This ...	Press ...
Activate the remote control to operate the DVD	BD/DVD (FUNCTION)
Turn on/off	POWER
Select other equipment connected to the DAV	F1
Disk skip	F2
Display the disc menu or top menu	BD/DVD MENU or TOP MENU
Select a track directly	0-9, ENT

To Do This ...	Press ...
Play	▷
Stop	■
Pause	❚❚
Search the picture forward or backward	▶▶ or ◀◀ during playback
Specify the previous chapter/track Specify the next chapter/track	⏮ ⏭
Move highlight (cursor)	↑ ↓ ← →
Select item	⊕
Master volume	VOL +/–, MUTING

Operating a DVD/VCR Combo Unit

To Do This ...	Press ...
Activate the remote control to operate the DVD/VCR	DVR/VCR (FUNCTION)
Turn on/off	POWER
Select the DVD Select the VCR	F 1 F 2
Display the disc menu or top menu	BD/DVD MENU or TOP MENU
Play	▷
Stop	■
Pause	❚❚

To Do This ...	Press ...
Search the picture forward or backward	▶▶ or ◀◀ during playback
Move highlight (cursor) and select (DVD)	↑ ↓ ← → ⊕
Record (VCR)	●
Change channels (VCR)	CH +/– or 0-9, ENT (using tuner)
Adjust tracking (VCR)	CH +/– (during tape playback)
Index search	⏮ ⏭
INPUT SELECT	TV/VIDEO

(Continued)

Operating a HDD/DVD Combo Unit

To Do This ...	Press ...
Activate the remote control to operate the DVD/HDD	DVR/VCR (FUNCTION)
Turn on/off	POWER
Select the HDD Select the DVD	F 1 F 2
Play	▷
Stop	■
Pause	❚❚
Search the picture forward or backward	▶▶ or ◀◀ during playback
Move highlight (cursor) and select	↑ ↓ ← →

To Do This ...	Press ...
Record	●
REC PAUSE	❚❚
REC STOP	■
Specify the previous chapter/track Specify the next chapter/track	I◀◀ ▶▶I
Replay	◀– •
Advance	• –▶
Display the disc menu or top menu	BD/DVD MENU or TOP MENU
INPUT SELECT	TV/VIDEO

Operating an AV Receiver

To Do This ...	Press ...
Activate the remote control to operate the AV Receiver	DVR (FUNCTION)
Turn on/off	POWER

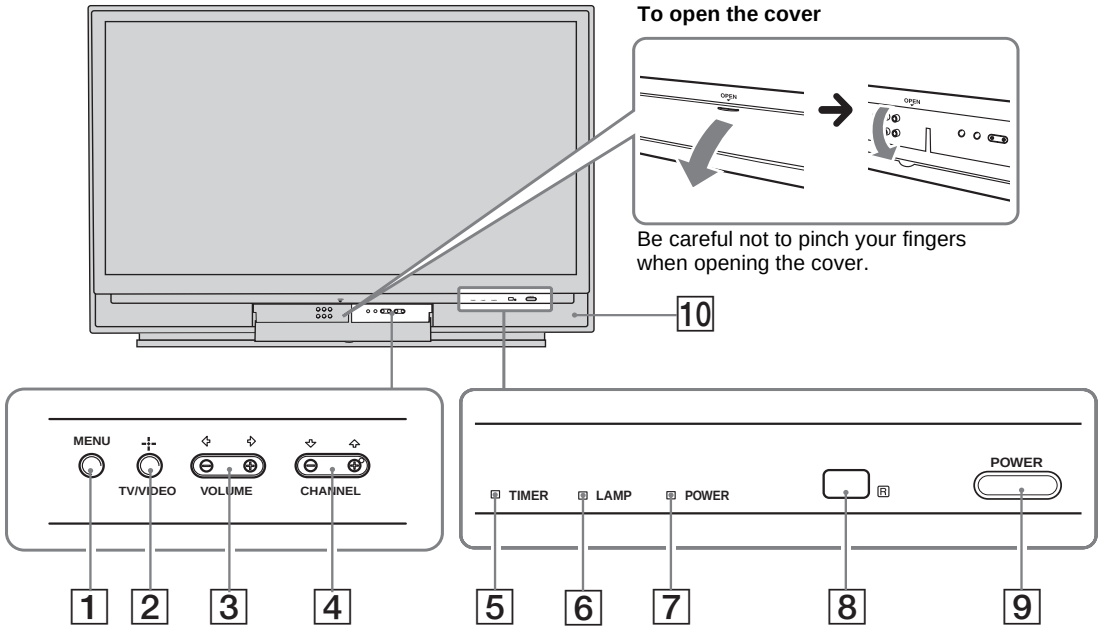
To Do This ...	Press ...
Master volume	VOL +/–, MUTING
Select other input connected to AV receiver	F1

Operating a DVR

To Do This ...	Press ...
Activate the remote control to operate the DVR	DVR/VCR (FUNCTION)
Turn on/off	POWER
Play	▷
Jump back while viewing live or record programs	REPLAY
Slow mode	◀◀/◀◀ (press lightly)
Jump forward while viewing recorded programs	• –▶

To Do This ...	Press ...
Jump forward to the next available chapter	▶▶I
Stop	■
Pause	❚❚
Record	●
Record Stop	■
Record Pause	❚❚

TV Controls

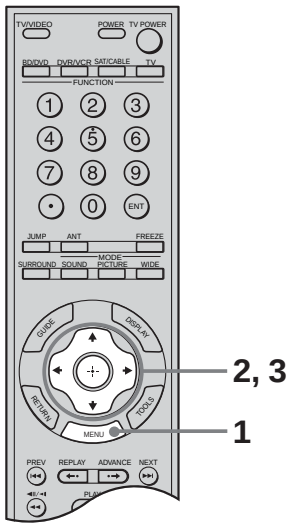


Item		Description
1	MENU	Press to display MENU with TV functions and settings (see “Overview of MENU” on page 32).
2	-¦- TV/VIDEO	Press to cycle through the video inputs. If you set a certain input to Skip in Label Video Inputs, then the input will not appear. For details, see page 45. In the MENU screen, this button serves as confirming the selection or setting.
3	← → VOLUME +/–	Press to adjust the volume. In the MENU screen, these buttons serve as left/right buttons.
4	↓ ↑ CHANNEL +/–	Press to scan through channels. To scan quickly through channels, press and hold down either –/+. In the MENU screen, these buttons serve as up/down buttons.
5	TIMER LED	When the timer is set, this LED will remain lit even if the TV is turned off. For details, see page 46.
6	LAMP LED	Blinks in red when the lamp for the light source has burned out. For details, see “Replacing the Lamp” on page 51.
7	POWER LED	Lights up in green when the TV is turned on. If the LED blinks in red continuously, this may indicate the display unit needs servicing (see the contacting Sony information on page 2). When the red LED blinks only three times, the lamp door of the lamp unit or the lamp itself is not securely attached (see page 53).
8	(IR) Infrared Receiver	Receives IR signals from the remote control. Do not put anything near the sensor, as its function may be affected.
9	POWER	Press to turn on and off the TV.
10	Speaker	Outputs the audio signal.

✍ The CHANNEL + button has a tactile dot. Use it as a reference when operating the TV.

Overview of MENU

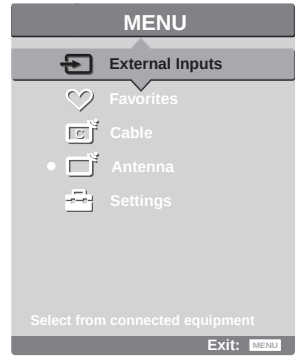
MENU provides one-button access for controlling your TV. It enables you to perform a variety of tasks intuitively with a control panel on the screen rather than a variety of remote control button presses. When you press the MENU button, you can select from basic TV functions: External Inputs, Favorites, Cable, Antenna or Settings.



1. Press MENU on the remote. The MENU control panel appears.
2. Press ▲/▼ to highlight the item.
3. Press ⊕ to select an option. Press MENU to exit.

✍ A dot appears next to the icon of the currently active input (External Inputs, Cable, and Antenna only).

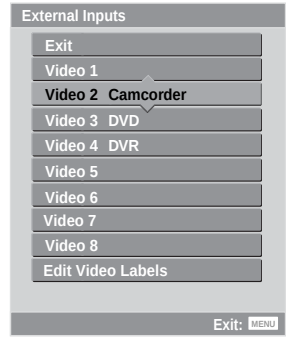
✍ When the TV is displaying the input from a connected PC, the menu only shows PC settings. For more information about PC settings, see page 49.



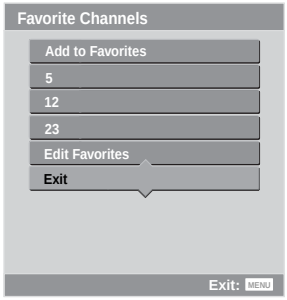
MENU	Description
External Inputs	The External Inputs feature lets you select the external inputs connected to your TV. You can also assign a label using Label Video Inputs in the Setup settings (see page 45).

1. Highlight External Inputs on the MENU control panel and press ⊕.
2. Press ▲/▼ to highlight the desired external input and press ⊕.

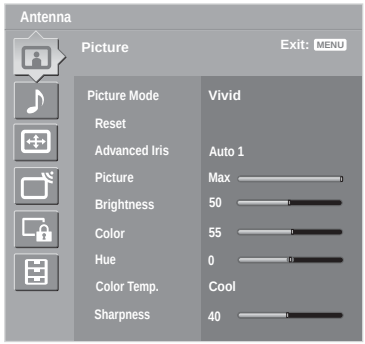
✍ To display the PC settings, select Video 8 in External Inputs. For more information about PC settings, see page 49.



MENU	Description
Favorites	The Favorites feature lets you select programs from a list of up to 16 favorite channels that you specify. **1** Highlight Favorites from the MENU control panel and press ⊕. The Favorite Channels list appears. **2** Make your selection by pressing ↑/↓ to highlight the desired channel and then press ⊕. To add the current channel to the list of Favorite Channels, highlight Add to Favorites and press ⊕. To manually edit your favorite channels, select Edit Favorites. For more information, see page 41.
Cable	The Cable feature displays the most recently viewed channel on the cable input. When tuned to the channel, the program banner and channel number will be displayed. ✍ To turn on the program banner, select Settings and set the Info Banner option to On in the Setup settings (see page 45).
Antenna	The Antenna feature displays the most recently viewed channel on the antenna input. When tuned to the channel, the program banner and channel number will be displayed. ✍ To turn on the program banner, select Settings and set the Info Banner option to On in the Setup settings (see page 45).
Settings	The Settings feature lets you enter the settings screen. Settings and adjustments can be performed from the Settings menu. The information on various settings starts from page 34. **Navigating Through Settings** **1** Press MENU. **2** Select 🧰. **3** Highlight an item: Picture, Sound, Screen, Channel, Parental Lock, Setup. **4** Press ⊕ to select an option. To exit the Settings, press MENU. ✍ The options you can adjust vary depending on the situation. Unavailable options are grayed out or not displayed. ✍ To display PC settings (page 49), select Video 8 in External Inputs and switch to PC input. Pressing MENU shows PC settings when the TV is displaying the input from a connected PC.

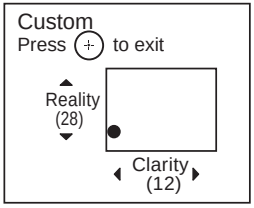


Picture Settings



To display the Picture settings, see “Navigating Through Settings” (page 33).

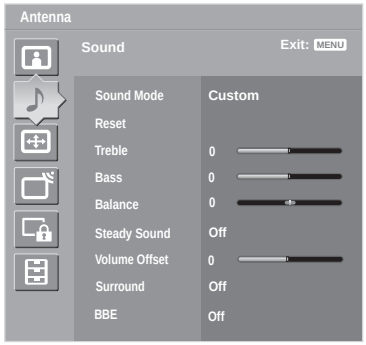
Option	*Description*	
Picture Mode	Vivid	Select for enhanced picture contrast and sharpness.
	Standard	Select for standard picture settings. Recommended for home entertainment.
	Custom	Allows you to store your preferred settings.
	✍ You can set up a Picture Mode (Vivid, Standard, Custom) independently for the TV input and for each Video input (Video 1 to Video 7). Your Picture Mode settings are automatically saved upon selection.	
Reset	Resets the current settings to default values (except for Advanced Settings).	
Advanced Iris	By selecting the iris option, you can obtain the best brightness and contrast suited for your TV viewing.	
	Auto 1/2	Automatically detects the brightness of the screen. This option is best suited for programs that often change between bright scenes and low light setting scenes.
		Auto 1: Recommended option for viewing programs that have larger variation in brightness from scene to scene.
		Auto 2: Recommended option for viewing programs that have less variation in brightness from scene to scene.
	Max	With this option, the brightness is about the maximum level.
	High	With this option, the screen is at a high level of brightness. It is suitable for TV viewing in a brightly lit room.
	Medium	With this option, the brightness is about the standard level.
	Low	With this option, the screen is dimmed but contrast is to the maximum. It is suitable for TV viewing in a room with low lighting.
	Min	With this option, the brightness is about the minimum level.
	✍ Advanced Iris is not available when you are using the Freeze feature.	
Picture	Adjust to increase or decrease picture contrast.	
Brightness	Adjust to brighten or darken the picture.	
Color	Adjust to increase or decrease color intensity.	
Hue	Adjust to increase or decrease the green tones.	

Option	Description	
Color Temp. *White adjustment*	Cool	Select to give the white colors a bluish tint.
	Neutral	Select to give the white colors a neutral tint.
	Warm 1, 2	Select to give the white colors a reddish tint. Available only when Picture Mode is set to Custom.
Sharpness	Adjust to sharpen or soften the picture.	
Noise Reduction	Select to reduce the noise level of connected equipment, and the VHF/UHF or cable inputs. Select from Auto, High, Medium, Low and Off.	
	✍ Noise Reduction is not available when you are using the Freeze feature.	
	✍ Auto is not available when you are using either HDMI or component (except for Video 2) connections.	
DRC Mode	High Density	Creates a high-resolution picture with 4 x density, for high-quality sources (i.e., Blu-ray Disc Player, DVD player, satellite receiver).
	Progressive	Recommended for moving pictures.
	Off	Select to turn off DRC Mode.
	✍ DRC Mode is available when you are watching 480i sources. It is not available when Game Mode is On or you are using the Freeze feature.	
DRC Palette	Custom	Allows you to customize the level of detail (Reality) and smoothness (Clarity) for input sources. For example, you can create a Custom setting for your cable input's picture, and create another for your DVD player's picture. **1** Press the arrow buttons to highlight Custom then press ⊕. The DRC palette appears.  **2** Press the arrow buttons to adjust the position of the marker (●). As you move the ● higher along the Reality axis, the picture becomes more detailed. As you move the ● to the right along the Clarity axis, the picture becomes smoother. **3** To save the setting, press ⊕.
	✍ DRC Palette is available when you are watching 480i sources. It is not available when Game Mode is On, DRC Mode is Off or you are using the Freeze feature.	

(Continued)

Option	*Description*	
Advanced Settings *Available only when Picture Mode is set to Custom*	Reset	Resets all the Advanced Settings to default values (except for White Balance).
	Black Corrector	Enhances black areas of the picture for stronger contrast.
	Gamma	Adjusts the balance between the light and dark areas of the picture.
	Clear White	Emphasizes white and light colors.
	Live Color	Makes colors more vivid.
	White Balance	Adjusts the color temperature color by color.
	Detail Enhancer	Enhances the details of the picture.
		✍ Detail Enhancer is not available when you are using the Freeze feature.
	Edge Enhancer	Enhances the outline of the picture.

Sound Settings



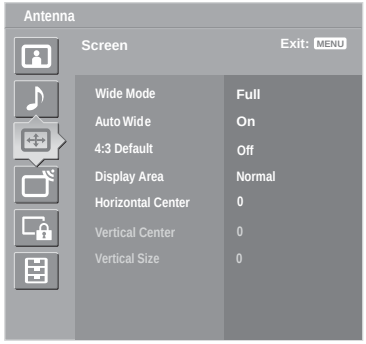
To display the Sound settings, see “Navigating Through Settings” (page 33).

Option	Description	
Sound Mode	Dynamic	Select to enhance treble and bass.
	Standard	Suitable for spoken dialog.
	Custom	Flat setting. Allows you to store your preferred settings.
	✍ You can set up a Sound Mode (Dynamic, Standard, Custom) independently for the TV input and for each Video input (Video 1 to Video 7). Your Sound Mode settings are automatically saved upon selection.	
Reset	Resets the following options to default values: Treble, Bass, Balance, Steady Sound, Volume Offset, Surround and BBE.	
Treble	Adjust to increase or decrease higher-pitched sounds.	
Bass	Adjust to increase or decrease lower-pitched sounds.	
Balance	Adjust to emphasize left or right speaker balance.	
Steady Sound	On	Select to stabilize the volume across all programs and commercials.
	Off	Select to turn off Steady Sound.
Volume Offset	Adjust the volume level of the current input (TV or video input) relative to other inputs.	
Surround	TruSurround XT	Select for surround sound (for stereo programs only).
	Off	Select for normal stereo or mono reception.
BBE	Select to give sound more impact by compensating for phase effects in speakers. Select from High, Low and Off.	
	✍ BBE is available only when Sound Mode is set to Custom.	
MTS *Enjoy stereo, bilingual and mono programs*	Stereo	Select for stereo reception when viewing a program broadcast in stereo.
	Auto SAP	Select to automatically switch to second audio programs when a signal is received. If no SAP signal is present, the TV remains in Stereo mode.
	Mono	Select for mono reception. Use to reduce noise during weak stereo broadcasts.
	✍ MTS is available only for analog programs.	

(Continued)

Option	*Description*	
Alternate Audio *Digital channels only*	Select among the available options to switch among the alternate audio streams. The program you are tuned to may be broadcast in a different language in the alternate audio streams.	
	✍ The Alternate Audio option is not available if the program is not broadcast with alternate audio streams.	
Speaker	On	Select to turn on the TV speakers.
	Off	Select to turn off the TV speakers and listen to the TV's sound only through your external audio receiver and speakers.
Audio Out *Easy control of volume adjustments*	Variable	The audio output from your audio system can be controlled by the TV's remote control.
	Fixed	The audio output of the TV is fixed. Use your audio receiver's remote control to adjust the volume (and other audio settings) through your audio system.
A/V Sync *Digital channel only*	Off/1/2/3	Use this option to make adjustments to audio and video synchronization when you have external equipment connected to DIGITAL OUT of the TV. Select Off (default value) to make no adjustments. Select 1, 2 or 3 to synchronize the video and audio from your connected external equipment.

Screen Settings



To display the Screen settings, see "Navigating Through Settings" (page 33).

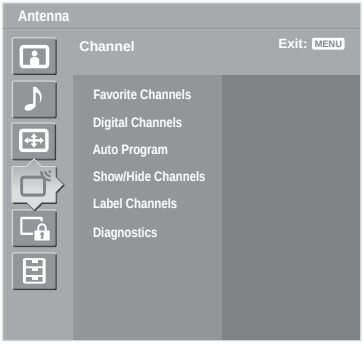
Option	Description	
Wide Mode	Wide Zoom	Select to enlarge the 4:3 picture to fill the 16:9 screen, keeping the original image as much as possible.
	Normal	Select to display the 4:3 picture in its original size when the original source is 4:3. When the original source is 16:9, then the picture may be compressed horizontally.
	Full	Select to enlarge the picture horizontally to fill the screen when the original source is 4:3 (standard definition source). When the original source is 16:9 (high definition source), select this mode to display the 16:9 picture in its original size.
	Zoom	Select to enlarge the original picture without distorting the aspect ratio.
	✍ You can set up a Wide Mode (Wide Zoom, Normal, Full, Zoom) independently for the TV input and for each Video input (Video 1 to Video 7). Your Wide Mode settings are automatically saved upon selection. For examples of each mode, see page 25.	
Auto Wide	On	Select to automatically change to the screen mode that is best for the current program. If frequent screen changes are disturbing to you, select Off.
	Off	Select to turn off the Auto Wide option. Choose a screen mode from the Wide Mode option.

(Continued)

Option	*Description*	
4:3 Default *Select the default screen mode to use for 4:3 sources.*	Wide Zoom	Select to enlarge the 4:3 picture, to fill the 16:9 screen, keeping the original image as much as possible.
	Normal	Select to display the 4:3 picture in its original size.
	Full	Select to enlarge the 4:3 picture horizontally only, to fill the display area.
	Zoom	Select to enlarge the picture horizontally and vertically to an equal aspect ratio that fills the wide screen.
	Off	Select to continue using the current Wide Mode setting when the channel or input is changed.
	✍ 4:3 Default is not available if Auto Wide is set to Off. ✍ If 4:3 Default is set to anything but Off, the Wide Mode setting changes only for the current channel. When you change channels (or inputs), Wide Mode is automatically replaced with the 4:3 Default setting. To retain the current Wide Mode setting as channels and inputs are changed, set 4:3 Default to Off.	
Display Area	Allows you to adjust the screen area displaying the picture.	
	Normal	Select to display the picture in the original size.
	-1/-2	Select to enlarge the picture to hide the edge of the picture.
Horizontal Center	Allows you to move the position of the picture left and right. Press ◆/◆ and press ⊕ to adjust.	
Vertical Center	Allows you to move the position of the picture up and down. (Available only in Zoom.) Press ▲/▼ and press ⊕ to adjust.	
Vertical Size	Allows you to adjust the vertical size of the picture. (Available only in Wide Zoom and Zoom.) Press ▲/▼ and press ⊕ to adjust.	

✍ Size adjustment is especially useful for Wide Zoom picture conditions such as when news ticker information appears at the bottom or top of the screen.

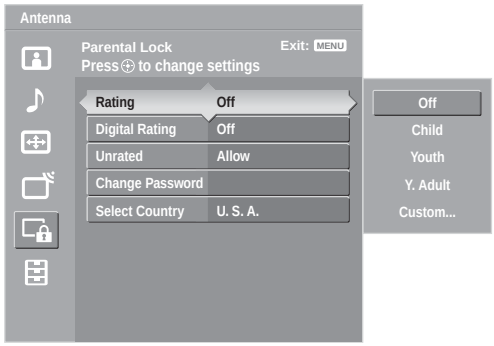
Channel Settings



To display the Channel settings, see “Navigating Through Settings” (page 33).

Option	Description
Favorite Channels	Lets you set up a list of up to 16 of your favorite channels. **1** Press ↑/↓ to scroll to the slot you would like to edit. **2** Enter your favorite channel number and press ⊕ to apply and save. To select other favorite channel numbers, repeat steps 1-2. ✍ To select favorite channel numbers that you specified, see page 33.
Digital Channels	Add Select to add digital channels.
Auto Program	Automatically sets up the channel list on the TV for all receivable channels for the current TV input (either Antenna or Cable).
Show/Hide Channels	Allows you to show or hide channels that appear in the program guide and when you use the CH+/– buttons to channel surf. **1** Press ↑/↓ to highlight the channel that you want to show or hide. To move between the Major and Minor subchannel lists, press ←/→. **2** To change a channel’s setting to Shown or Hidden, press ⊕. To show or hide more channels, repeat steps 1 and 2. ✍ Channels that you set to be hidden can be accessed only with the 0-9 buttons. ✍ If you select to hide or show a major digital channel, all the subchannels are automatically hidden or shown. To show or hide an individual sub-channel within a digital channel, you must individually select that sub-channel to show or hide. ✍ If you hide all sub-channels of a major digital channel, that digital channel is automatically set to Hidden.
Label Channels	Allows you to assign labels (such as station call letters) to channel numbers. **1** Press ↑/↓ to scroll through the channel numbers. Then press ⊕ to select the channel number that you want to assign a label. **2** Press ↑/↓ to scroll through the label characters (A-Z, 0-9, etc.). Press ⊕ to move to the next character. Repeat to add up to 7 characters to the label. To assign labels to more channels, repeat steps 1-2.
Diagnostics	Display diagnostics information about the current channel and the TV. This can be useful in providing information to an authorized technician or repair person.

Parental Lock Settings



To display the Parental Lock settings, see “Navigating Through Settings” (page 33).

Option	*Description*	
The Parental Lock settings allows you to set up the TV to block programs according to their content and rating levels. Use 0-9 on the remote control to enter a four-digit password. The first time you create a password, confirm the password by entering it again.		
Rating	Off	Turn Parental Lock off. No programs are blocked from viewing.
	Child	Maximum ratings permitted are: U.S.: TV-Y, TV-G, G Canada: C, G, TV-Y
	Youth	Maximum ratings permitted are: U.S.: TV-PG, PG Canada: C8+, PG, 8 ans+, TV-PG
	Y. Adult	Maximum ratings permitted are: U.S.: TV-14, PG-13 Canada: 14+, 13 ans+, TV-14
	Custom...	Select to set ratings manually. U.S.: See page 43 for details. Canada: See page 44 for details.

✍ If you are not familiar with the Parental Guideline rating system, you should select Child, Youth, or Y. Adult to help simplify the rating selection. To set more specific ratings, select Custom.

Option	Description	
Digital Rating *(Available only in U.S.A. where advanced ratings exist)*	Off	Turn Digital Rating off. No programs that contain downloadable ratings are blocked from viewing.
	Custom...	Select to block programs based on downloadable ratings.
	Clear All	Select to clear the entire downloadable rating system.
	✍ This action will delete the current Digital Rating menu and the menu will no longer be available until the TV is tuned to a channel that contains downloadable ratings. ✍ This icon will appear on the information banner across the screen indicating the availability of the new downloadable rating information when the Digital Rating is set to the Custom option. ✍ This setting is only available if digital ratings have been downloaded by your TV and ratings have been set for U.S.A. in Select Country (see below).	
Unrated *(Available only in U.S.A.)*	Allow	Allows programs and movies that are broadcast without a rating.
	Block	Blocks all programs and movies that are broadcast without a rating.
	✍ If you block unrated TV programs, be aware that the following types of programs may be blocked: programs broadcast from another country, emergency broadcasts, political programs, sports, news, public service announcements, religious programs and weather.	
Change Password	Select to change your password.	
	✍ You need your password for any future access into the Parental Lock settings. If you lose your password, see “Lost password” on page 58.	
Select Country	U.S.A.	Select to use U.S.A. ratings (see below).
	Canada	Select to use Canadian ratings (see page 44).

US Models: Selecting Custom Parental Lock Rating Options

To select custom rating options for the U.S., select U.S.A. in the Select Country setting (see above).

Option	Description	
Movie Rating	G	All children and general audience.
	PG	Parental guidance suggested.
	PG-13	Parental guidance for children under 13.
	R	Restricted viewing, parental guidance is suggested for children under 17.
	NC-17 and X	No one 17 or under allowed.

(Continued)

Option	Description	
TV Rating *Block programs by their rating, content or both*	Age-Based Ratings	
	TV-Y	All children.
	TV-Y7	Directed to children age 7 and older.
	TV-G	General audience.
	TV-PG	Parental guidance suggested.
	TV-14	Parents strongly cautioned.
	TV-MA	Mature audience only.
	Content-Based Ratings	
	FV	Fantasy violence.
	D	Suggestive dialogue.
	L	Strong language.
	S	Sexual situations.
	V	Violence.
	✍ To ensure maximum blocking capability, set the Age-Based Ratings.	

Canadian Models: Selecting Custom Parental Lock Rating Options

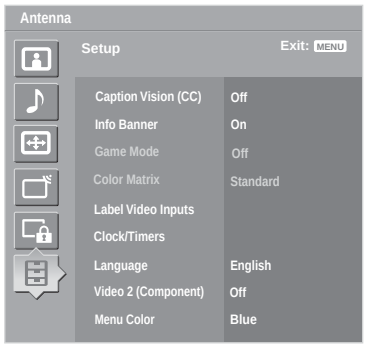
To select custom rating options for Canada, select Canada in the Select Country setting (see page 43).

Option	Description	
English Rating	C	All children.
	C8+	Children 8 years and older.
	G	General programming.
	PG	Parental guidance.
	14+	Viewers 14 and older.
	18+	Adult programming.
French Rating	G	General programming.
	8 ans+	Not recommended for young children.
	13 ans+	Not recommended for ages under 13.
	16 ans+	Not recommended for ages under 16.
	18 ans+	Programming restricted to adults.
U.S.A. Rating	See TV Rating for “US Models” above.	

Viewing Blocked Programs

You can view blocked programs by entering the password. Press ENT when tuned to a blocked program, then enter the password. This temporarily turns the parental control feature off. To reactivate the Parental Lock settings, turn off the TV. When the TV is turned on again, your Parental Lock settings are reactivated.

Setup Settings



To display the Setup settings, see “Navigating Through Settings” (page 33).

Option	Description	
Caption Vision (CC)	Allows you to select from several closed-caption modes.	
	On	Caption Vision (CC) is turned on.
	Off	Caption Vision (CC) is turned off.
	Program	Allows you to set basic and advanced Caption Vision (CC) options. See “Programming Caption Vision (CC)” on page 48.
Info Banner	Set to On or Off. When On, displays the program name and the program information (if the broadcaster offers this service). Displays for few seconds when the channel is changed or the DISPLAY button is pressed.	
Game Mode	On	Select to optimize for playing games.
	Off	Select to turn off the Game Mode.
	✍ Game Mode is available when you are watching 480i or 1080i sources. It is not available when using the Freeze feature, or when receiving input from Cable or Antenna.	
Color Matrix	Allows you to select the method for reproducing color-difference signals. It is recommended that you leave this at the factory default value.	
	Standard	Automatically optimizes based on signal.
	Custom...	If the tone of the picture from the input source is unnatural, select either ITU601 or ITU709, which normalizes the tone.
Label Video Inputs	Allows you to identify A/V equipment you connected to the TV, such as a VCR, DVD, etc. For example, if you have a DVD player connected to the VIDEO 4 jack, you can select the label DVD for the Video 4 input. Then when you press TV/VIDEO to change inputs, the video label you assigned to that input appears on screen. **1** Press ↑/↓ to highlight the video input (Video 1-8) to which you want to assign a label. Then press ⊕ to select the input. **2** Press ↑/↓ to highlight one of the displayed labels. Then press ⊕ to select the label.	
	You can select from the following labels for each input:	
	Video 1-7	—, DVD, Cable Box, Satellite, BD, VCR, Receiver, DVR, Game, Camcorder, Edit, Skip
	Video 8	—, PC, Skip

(Continued)

Option	*Description*	
	✍ Edit allows you to create a custom 10-character label. Steps to edit the labels are the same as Label Channels (see page 41). ✍ If you select Skip, your TV skips this input when you press the TV/VIDEO button. ✍ The Skip label is useful for inputs to which no equipment is connected.	
Clock/Timers	Sleep	Set the time in minutes (Off, 15 minutes, 30 minutes, 45 minutes, 60 minutes, 90 minutes or 120 minutes) that you want the TV to remain on before shutting off automatically.
	Timer 1 Timer 2	You can use the timers to turn the TV on, set the duration time the TV will remain on, and tune to a specific channel at two scheduled times. Timer 1 and Timer 2 will not be available until you set the Current Time. **1** Press ↑/↓ to highlight Timer 1 or Timer 2. To set the timer, press →. ✍ To go directly to programming Timer 1 or 2, press ⊕ instead of pressing →. **2** Press ↑/↓ to highlight one of the following options, then press ⊕. Program: Select to set the timer by day, hour, minute, AM/PM, Duration, and Channel. Off: Select to turn off the timer. (Your previous settings are saved.) **3** If you selected Program in step 2, press ↑ and ↓ to set the day(s), hour, minute, AM/PM, duration, and channel number. Press ⊕ or press → to confirm each setting and move to the next setting. Press ← to go back to the previous setting. **4** Press MENU to exit Settings.
	Current Time	You can set the current time. **1** Press ⊕ to select Current Time. **2** Press ↑ and ↓ to set the current time (day, hour, minute, and AM/PM). Press ⊕ (or press →) to confirm each setting and move to the next setting. Press ← to go back the previous setting. **3** Press MENU to exit Settings.
Language	Select to display all on-screen settings in your language of choice: English, Español, Français.	
Video 2 (Component)	Auto	Select to switch automatically between the component video jacks (YPBPR, AUDIO L (MONO)/AUDIO R) and the composite video jacks (VIDEO, AUDIO L (MONO)/AUDIO R) on the front of the TV (VIDEO/HD/DVD IN 2) depending on the cable connection.
	Off	Select to activate the composite video jacks (VIDEO, AUDIO L(MONO)/AUDIO R) on the front of the TV.
	✍ If you use the composite connection when Video 2 (Component) is set to Auto, do not connect the component cable at the same time. Otherwise select Off.	

Option	Description
Menu Color	Enables you to select a specific color for the on-screen settings.
Power Saving	Select to reduce the power consumption by adjusting the lamp brightness. This also enhances the black level. Select On or Off.
CineMotion	Select Auto to optimize the screen display automatically detecting film content and applying a reverse 3-2 pulldown process. Moving pictures will appear clearer and more natural looking. Select Off to disable the detection. ✍ CineMotion is only available when you are watching 480i sources, except when the Freeze feature is in use.
Cooling Mode	Select High to use the TV at an altitude of 5,000 feet (1,500 m) or higher. Select Normal to use the TV at normal altitude.
Lamp Replacement	When the lamp nears the end of its life, a message appears every time you turn on the TV. After you replace the lamp, select this option and follow the on-screen procedure. ✍ Select this option after you replace the lamp. ✍ Depending on environmental conditions, such as frequency of use, some lamps may burn out before the lamp replacement message appears on the TV. ✍ Until you set the Lamp Replacement option, a message announcing that the lamp is at the end of its life will appear every time you turn on the TV.
Product Information	Select to display the equipment information of your TV.

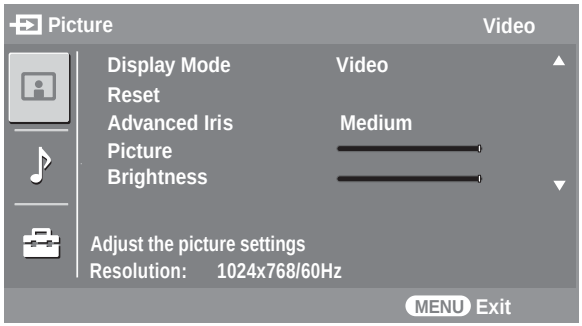
(Continued)

Programming Caption Vision (CC)

If you selected the Program option under Caption Vision (CC) (see page 45), you can change the following settings:

Option	*Description*		
Basic	Allows you to select basic analog (EIA-608) closed caption options.		
	CC1, CC2, CC3, CC4	Displays a printed version of the dialog or sound effects of a program. (Should be set to CC1 for most programs.)	
	Text1, Text2, Text3, Text4	Displays network/station information presented using either half or the whole screen (if available).	
Digital CC	Allows you to set digital closed captioning to Basic (digital EIA-608) or Advanced (digital EIA-708).		
Advanced	Allows you to select advanced digital (EIA-708) closed caption options. Select from the available options.		
Advanced Settings	Allows you to make additional settings for digital (EIA-708) closed caption options. Select from As Broadcast, Small Text, Large Text and Custom.		
	Custom...	Allows you to customize the following settings:	
		Character Size	Small, Standard, Large
		Character Style	Style 1-7
		Character Color	Color 1-8
		Character Opacity	Solid, Translucent
		Edge Color	Color 1-8
		Edge Type	None, Raised, Depressed, Outline, Left Shadow, Right Shadow
		Background Color	None, Color 1-8
		Background Opacity	Solid, Translucent
		Window Color	None, Color 1-8
		Window Opacity	Solid, Translucent

PC Settings



To display the PC settings, see “Navigating Through Settings” (page 33).

✍ Press TV/VIDEO button to switch to another input.

Option	Description		
Picture	Display Mode	Video	Select to view video images.
		Text	Select to view text, charts or tables.
	Reset	Resets the current settings to default values.	
	Advanced Iris	By selecting the iris option, you can obtain the best brightness and contrast suited for your TV viewing.	
		Auto 1/2	Automatically detects the brightness of the screen. This option is best suited for programs that often change between bright scenes and low light setting scenes.
			Auto 1: Recommended option for viewing programs that have larger variation in brightness from scene to scene.
			Auto 2: Recommended option for viewing programs that have less variation in brightness from scene to scene.
		Max	With this option, the brightness is about the maximum level.
		High	With this option, the screen is at a high level of brightness. It is suitable for TV viewing in a brightly lit room.
		Medium	With this option, the brightness is about the standard level.
		Low	With this option, the screen is dimmed but contrast is to the maximum. It is suitable for TV viewing in a room with low lighting.
		Min	With this option, the brightness is about the minimum level.
		✍ Auto 1 and Auto 2 are not available when Display Mode is set to Text.	

(Continued)

Option	*Description*		
	Picture	Adjust to increase or decrease picture contrast.	
	Brightness	Adjust to brighten or darken the picture.	
	Color Temp. *White adjustment*	Cool	Select to give the white colors a bluish tint.
		Neutral	Select to give the white colors a neutral tint.
		Warm 1,2	Select to give the white colors a reddish tint. Warm 2 gives a redder tint than Warm 1.
Sound	Sound Mode	Dynamic	Select to enhance treble and bass.
		Standard	Provides standard sound. Recommended for home entertainment.
		Custom	Provides a flat response.
Others	Auto Adjustment	Select to automatically adjust the display position, Phase and Pitch of the picture when the TV receives an input signal from the connected PC. Note that Auto Adjustment may not work well with certain input signals. In such cases, manually adjust the options below.	
	Reset	Resets the current settings to default values.	
	Phase	Adjust after Pitch to fine tune overall sharpness.	
	Pitch	Adjust uneven sharpness on screen.	
		✍ For the PC Input Signal Reference Chart, see page 60.	
	Horizontal Center	Allows you to move the position of the picture left and right. Press ←/→ and press ⊕ to adjust.	
	Vertical Center	Allows you to move the position of the picture up and down. Press ←/→ and press ⊕ to adjust.	
	Wide Mode	Normal	Select to display in the original image size.
		Full 1	Select to enlarge the picture to fill the display area, keeping its original ratio.
		Full 2	Select to enlarge the picture to fill the display area.

Replacing the Lamp

The projection lamp, like all lamps, will eventually lose brightness and functionality, which affects the overall performance of your TV. How long the lamp maintains its brightness will vary depending upon your usage and environmental conditions. To maintain the quality of your viewing experience, Sony recommends that you replace the lamp (1) after approximately 8,000 hours of use; (2) when the screen becomes dark or the color looks unusual; (3) when the LAMP LED on the front of the TV blinks; or (4) when the lamp replacement message appears on the TV screen.

⚠ WARNING

Electric appliances can cause fire or high temperature, resulting in injury or death. Be sure to follow the instructions below.

- ❑ Use a Sony XL-5200 replacement lamp (not supplied) for replacement. Use of any other lamp may damage the TV.
- ❑ Do not remove the lamp for any purpose other than replacement. Doing so may cause injury or fire.
- ❑ Do not put flammable materials and metal objects inside the lamp receptacle of the TV after removing the lamp. Doing so may cause fire or electrical shock. Do not touch the lamp receptacle once the lamp has been removed.
- ❑ When the lamp eventually burns out, you may hear a noticeable pop sound. This is normal and it is inherent to this type of lamp.
- ❑ In rare instances, the bulb may pop inside the lamp unit, but the lamp unit is designed to contain all of the broken glass pieces inside the lamp unit.
- ❑ This TV's lamp contains mercury and should be disposed of properly. Consult your local authorities regarding safe disposal. The material contained in this lamp are similar to those of a fluorescent lamp, so you should dispose of it in the same way.

How to Replace the Lamp

1 Turn off the power on the main unit. Wait several minutes, then unplug the power cord.
(The cooling fan will continue to operate for about two minutes after turning the power off.)

2 Wait at least 30 minutes after unplugging the power cord to allow the lamp to cool down before replacing it. To avoid being burned, do not touch the lamp receptacle once the lamp has been removed.

(Continued)

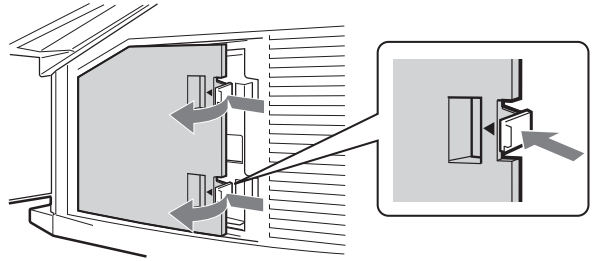
3 Take the new lamp out of the box.
Do not touch the glass portion of the new lamp.

✍ Do not shake the lamp. Vibration can damage the lamp or shorten its life.

✍ Avoid touching the front glass of a new lamp or the glass of the lamp receptacle. This may reduce picture quality or lamp life.

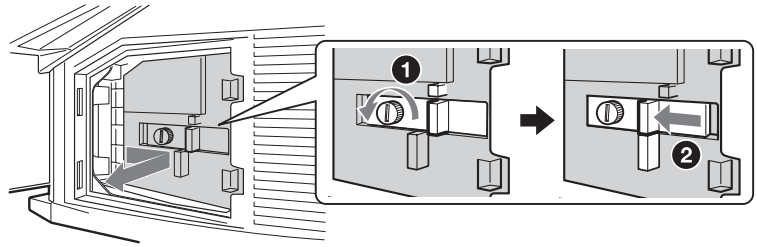
4 Remove the outside lamp cover.

Release the two clamps as shown in the illustration below.



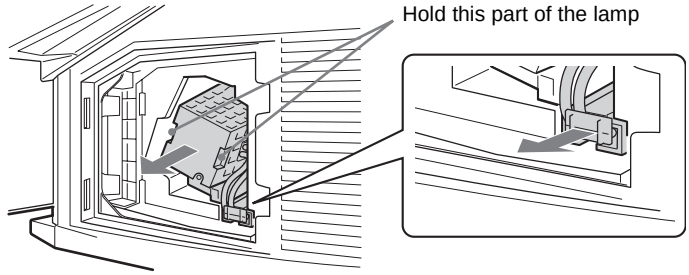
5 Remove the lamp door.

Turn the screw counterclockwise and slide the lever to the left. Remove the door.



6 Pull out the lamp.

Hold the indented grooves on the top corners of the lamp, as shown in the illustration, and pull the lamp straight out. If the lamp is hard to remove, pull the right side of the lamp for additional traction.

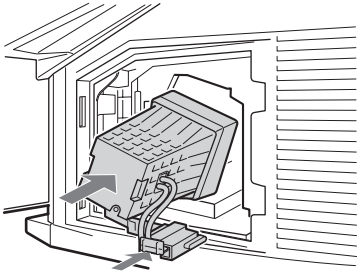


✍ Do not touch the inside of the lamp compartment.

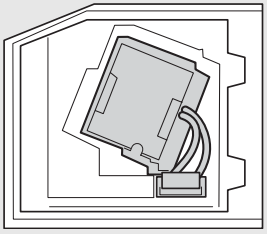
✍ The lamp is very hot immediately after use. Never touch the glass portion of the lamp or the surrounding parts.

✍ After the used lamp has cooled, place it into the empty box of the replacement lamp. Never put the used lamp into a plastic bag.

7 Put the new lamp into its place.
Insert the new lamp by pressing the two parts firmly into place as shown in the illustration. Make sure the lamp is securely mounted into the compartment. Failure to do so may cause a fire or the screen to go dark.



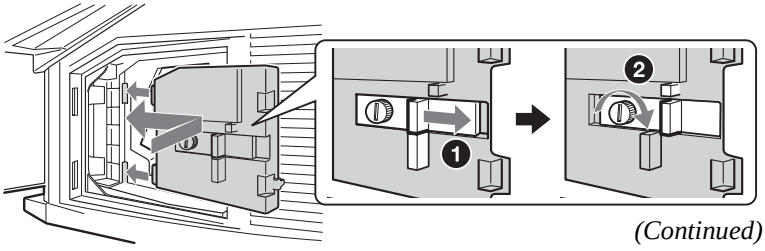
✍ The lamp compartment is tilted, as shown in the following illustration.



✍ If the lamp is not securely reattached, the self-diagnostic function may be triggered and the POWER LED blinks three times (see page 31).

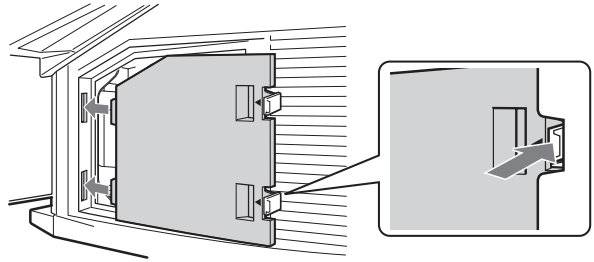
8 Reattach the lamp door.

Replace the door by inserting the two tabs in the slot from the left side. Slide the lever to the right and then turn the screw clockwise to secure the door.



(Continued)

9 Put the outside lamp cover back in its place.
Replace the cover, inserting it from the left side. Press the two tabs on the right side to secure the cover.



10 Turn on the TV and set the Lamp Replacement option in the Setup settings (see page 47). This setting is necessary to inform you when the next lamp replacement is needed.

✍ Until you set the Lamp Replacement option, a message announcing that the lamp is at the end of its life will appear every time you turn on the TV.

✍ Consult your Sony dealer for a Sony XL-5200 replacement lamp.

✍ Take great care when replacing the lamp or plugging in/unplugging the connecting cords. Rough handling may cause the TV to fall, damaging the TV, the TV stand and the floor.

The used lamp

For customers in the United States:

This product contains mercury. Disposal of this product may be regulated if sold in the United States. For disposal or recycling information, please contact your local authorities or the Electronics Industries Alliance (http://www.eiae.org).

- ❑ Do not leave the used lamp near flammable materials or within the reach of children.
- ❑ Do not pour water onto the used lamp or put any object inside the lamp. Doing so may cause the lamp to burst.

For replacement lamp information visit:
U. S. residents: http://www.sonystyle.com/tv/
Canadian residents: http://www.sonystyle.ca/tv/

Troubleshooting

If you have additional questions, service needs, or require technical assistance related to the use of your Sony TV, please visit our website or call one of the following numbers:

http://www.sony.com/tvsupport
1-800-222-SONY(7669) for US
1-877-899-SONY(7669) for Canada

Remote Control

Problem	Possible Remedies
Remote control does not operate	❏ The batteries could be weak. Replace the batteries. ❏ Check the orientation of the batteries. ❏ Press TV (FUNCTION) once, and the TV indicator lights up. You may have inadvertently pressed SAT/CABLE (FUNCTION), which changes the remote control to SAT or CABLE mode. ❏ Make sure this unit's power cord is connected securely to the wall outlet. ❏ Fluorescent lamps can interfere with remote control operation; try turning off the fluorescent lamps. ❏ Keep the remote control sensor area clear from obstacles. ❏ If the "WARNING: TV temperature is high." message appears, turn off the TV and wait until the TV's projection lamp cools down (approximately 5 minutes). If the remote control still does not work, make sure to dust the ventilation slots on the rear of the TV and the cooling fan to provide adequate ventilation around the TV.
Cannot change channels with the remote control	❏ If you are using the TV to change channels, first press TV (FUNCTION) once, and the TV indicator lights up. ❏ If you are using another device to change channels, be sure you have not inadvertently switched your TV from the channel 3 or 4 setting. ❏ If you are using another device to change channels, be sure to press FUNCTION for that device. For example, if you are using your cable box to change channels, be sure to press SAT/CABLE (FUNCTION) once, and the SAT/CABLE indicator lights up.
Remote control does not operate non-Sony video equipment	❏ If you replaced the batteries to the remote recently, the code numbers for the video equipment may need to be reset. ❏ There may be more than one code for the equipment that you are attempting to operate. ❏ There is a possibility that some non-Sony equipment cannot be operated by your Sony TV remote. You may need to use the equipment's original remote control.

Picture

Problem	Possible Remedies
No picture (screen not lit), no sound	❏ If your TV does not turn on and the POWER LED keeps blinking in red, your TV may need service. Call your local Sony Service Center. ❏ Make sure the power cord is plugged in. ❏ Press POWER on the front of the TV. ❏ Press TV/VIDEO to cycle through the connected video sources. ❏ Try another channel; it could be station trouble.
Dark, poor or no picture (screen lit), good sound	❏ Adjust the Picture Mode option in the Picture setting (see page 34). ❏ Adjust the Brightness option in the Picture setting (see page 34). ❏ Check the antenna/cable connections.
No color/dark picture/color is not correct	❏ Adjust the Color option in the Picture setting (see page 34). ❏ If you set the Power Saving option to On, it will enhance the black level.
The TV turns off automatically	❏ Check if the Sleep option is activated, or confirm the Duration setting of Timer (page 46). ❏ If the temperature is too high, the TV may also turn off after a warning message is displayed.
Only snow and noise appear on the screen	❏ Check the antenna/cable connections. ❏ Try another channel; it could be station trouble. ❏ Press ANT to change the input mode (see page 22).
Dotted lines or stripes	❏ Move the TV away from noise sources such as cars, neon signs, or hair dryers. ❏ If using 300 ohm twin lead, move the excess lead away from the TV or try using 75 ohm coaxial cable instead.
Double images	❏ Using a highly directional outdoor antenna or a cable may solve the problem.
“Black box” on screen	❏ You have selected a text option in the Caption Vision (CC) feature in the Setup setting and no text is available (see pages 45 and 48). To turn off this feature, set the Caption Vision (CC) option to Off. If you were trying to select closed captioning, select CC1 instead of Text 1-4.
Wide Mode changes automatically	❏ The current Wide Mode setting is automatically replaced with the 4:3 Default setting when you change the channel or video input, if 4:3 Default in the Screen settings is set to other than Off. If you want to lock in the Wide Mode selected with the WIDE button, set 4:3 Default to Off in the Screen settings (see page 40). ❏ Check the Auto Wide option in the Screen settings (see page 39).
Black bands appear at the top and bottom of the screen	❏ Some wide-screen programs are filmed in aspect ratios that are greater than 16:9 (this is especially common with theatrical releases). Your TV will show these programs with black bands at the top and bottom of the screen. For more details, check the documentation that came with your DVD (or contact your program provider).
Certain programs on DVD or other digital sources display a loss of detail, especially during fast-motion or dark scenes	❏ The compression used by certain digital broadcasts and DVDs may cause your TV’s screen to display less detail than usual, or cause artifacts (small blocks or dots, pixelations) to appear on your screen. This is due to your TV’s large screen and ability to show very fine detail, and is normal for certain digitally recorded programs. Adjust the Reality/Clarity in the DRC Palette setting (see page 35) to optimize the picture while viewing these sources.

Sound

Problem	Possible Remedies
Good picture, no sound	❏ Press MUTING so that Muting disappears from the screen (see page 24). ❏ Make sure the Speaker option is set to On in the Sound setting (see page 38). ❏ Make sure the MTS option is set to Stereo or Mono (see page 37). ❏ When the HDMI IN input is in use, surround sound, such as AC-3 and DTS, cannot be input. Change the sound setting for the external input device to Linear PCM.
Audio noise	❏ Make sure that the antenna is connected using the 75-ohm coaxial cable. ❏ Keep the antenna cable away from other connecting cords. ❏ To avoid TV interference, make sure to use an undamaged antenna cable.
Cannot gain enough volume when using a cable box	❏ Increase the volume of the cable box using the cable box's remote control. Then press TV (FUNCTION) once (the TV indicator lights up) and adjust the TV's volume.
Sound seems weak or insufficient	❏ The TV's audio might be set to Auto SAP or Mono, when it might be better set to Stereo. In the Sound setting (see page 37), set the MTS setting to Stereo. If already set to Stereo, switch to Mono (which may reduce background noise during weak stereo broadcasts).
Cannot raise the volume on external speakers	❏ If the Speaker option is set to Off and the Audio Out option is set to Fixed (in order to output the sound to your audio system), use your audio receiver to adjust the sound (see page 38). Or, to use the TV remote control, set the Audio Out option to Variable. ❏ To turn on the TV speakers, set the Speaker option to On (see page 38).
No audio for HDMI	❏ Confirm DVD player, set-top-box audio settings. Select 2 channel LPCM audio.

Channels

Problem	Possible Remedies
Cannot receive upper channels (UHF) when using an antenna	❏ Press ANT to select the VHF/UHF input (see page 22). ❏ Use Auto Program in the Channel setting to add receivable channels that are not presently in the TV's memory (see page 41).
Cannot receive any channels when using cable TV	❏ Use Auto Program in the Channel setting to add receivable channels that are not presently in the TV's memory (see page 41). ❏ Press ANT to select the CABLE input (see page 22).
Cannot receive or select channels	❏ Use Auto Program in the Channel setting to add receivable channels that are not presently in TV memory (see page 41).
Some digital cable channels are not being displayed	❏ Certain cable companies have limitations on the broadcast of digital cable channels. Check with your cable company for more information. ❏ The digital cable channel may be set to Hidden in the Channel setting (see page 41).

General

Problem	Possible Remedies
How to reset the TV to factory settings	❑ Turn on the TV. While holding down the ↟ button on the remote control, press the POWER button on the TV. Release the POWER button then release the ↟ button. The TV will turn itself off, then back on again with Initial Setup. WARNING: This operation will clear all of your customized settings including Parental Lock setting.
How to restore Picture settings to factory settings	❑ Select Reset setting option while in the Picture setting (see page 34).
How to restore Sound settings to factory settings	❑ Select Reset setting option while in the Sound setting (see page 37).
Cannot cycle through the other video equipment connected to the TV	❑ Be sure the Label Video Inputs option is not set to Skip (see page 45).
Cannot operate the setting	❑ If a setting option appears in gray, this indicates that the setting option is not available.
Lost password	❑ On the password screen, enter the following master password: 4357. The master password clears your previous password; it cannot be used to temporarily unblock channels.
TIMER LED on front panel is lit	❑ When lit, indicates that the timer is set (see page 46). When the timer is set, this LED will remain lit even when the TV is turned off.
POWER LED blinks in red	❑ If the LED blinks three times, the lamp door or the lamp might not be securely attached (see page 51). The LED blinks two times if there is an abnormal rise in temperature inside the TV when any ventilation openings are blocked.
LAMP LED blinks in red	❑ Replace the lamp (see page 51).
The replacement lamp does not light up	❑ The lamp door or the lamp might not be securely attached. Repeat the steps on page 51 to ensure that they are both installed securely.
Digital cable box does not work	❑ If you are connecting a VCR and digital cable box using a splitter, as described on page 17, you must use a special bi-directional splitter that is designed to work with your digital cable box. Contact your cable provider for details.
TV cabinet creaks	❑ When the TV is in use, there is a natural rise in temperature, causing the cabinet to expand or contract and may be accompanied by a slight creaking noise. This is not a malfunction.
A slight creaking noise occurs from the bottom part of the TV	❑ Advanced Iris applies a mechanical iris system. When Advanced Iris is set, a natural creaking noise occurs due to the basic structure of the optical unit. The creaking sound is an inherent nature of this system and is not a defect.
The cooling fan is loud	❑ If the TV is used at high altitudes and Cooling Mode is set to High, the cooling fan runs faster and its sound becomes louder. If the TV is not used at high altitudes, set Cooling Mode to Normal (see page 47).
“High Temperature Warning” message appears	❑ Make sure to remove dust from the ventilation slots on the rear and both sides of the TV. In addition, make sure that there are no obstacles in front of the ventilation slots. If the message still appears after the dust or obstacles are removed, the TV may need servicing. Call your local Sony Service Center.
The TV does not turn on	❑ The TV cools down its projection lamp when the power is turned off. It takes up to two minutes for the picture to come back after the TV is turned on again. Wait for a while until the picture comes back.

Problem	Possible Remedies
Small bright or black dot in picture	❑ It may be possible to see one or two pixels, which appear dark or bright when viewing up close to the screen caused during the manufacturing of the display device. This is not a defect with your TV and will not affect the overall picture performance or reliability of your set. Please view the screen at the recommended viewing distances.
Image left on the screen (image retention)	❑ Turn off the TV for a while or let the TV run on another channel. Unlike plasma TV and CRT TV, image retention on this TV is not permanent. It is only a temporary condition; see page 10.
Uneven color uniformity appears on the screen when the TV is powered on	❑ After turning on the TV, you may notice a slight color (tint) variation in certain areas of the picture. This will last only a few minutes each time you turn on the TV. This is a normal temperature characteristic of the components and not a malfunction.
White spot on the screen when powered off	❑ If screen is exposed to direct sunlight or strong ambient light, part of the screen may appear white even when TV is power off. This is due to the strong light reflecting off the TV screen and reflections coming behind the screen. This is a structural property of the projection TV and is not a defect. Position your TV away from such light sources.
"Projection lamp is nearing end of life. Please replace the lamp." message appears	❑ It is time for you to replace the projection lamp used in your TV. • Turn to page 51 on "How to Replace the Lamp" and follow the directions for replacing the lamp. • Use only the lamp designated for your TV model. • Set the Lamp Replacement option in the Setup settings (see page 47).

PC Input Signal Reference Chart

Resolution / Signals	Horizontal (Pixel)	×	Vertical (Line)	Horizontal frequency (kHz)	Vertical frequency (Hz)	Standard
VGA	**640**	×	**480**	**31.5**	**60**	**VGA**
	640	×	480	37.5	75	VESA
	720	×	400	31.5	70	VGA-T
SVGA	**800**	×	**600**	**37.9**	**60**	**VESA Guidelines**
	800	×	600	46.9	75	VESA
XGA	**1024**	×	**768**	**48.4**	**60**	**VESA Guidelines**
	1024	×	768	56.5	70	VESA
	1024	×	768	60.0	75	VESA
WXGA	**1280**	×	**768**	**47.4**	**60**	**VESA**
	1280	×	**768**	**47.8**	**60**	**VESA**
	1360	×	**768**	**47.7**	**60**	**VESA**

✍ This TV's PC input does not support Sync on Green or Composite Sync.

✍ This TV's PC input does not support interlaced signals.

✍ For the best picture quality, it is recommended to use the signals (boldfaced) in the above chart with a 60 Hz vertical frequency from a personal computer. In plug and play, signals with a 60 Hz vertical frequency will be selected automatically.

Specifications

Television system:

NTSC	American TV Standard
ATSC (8VSB terrestrial)	ATSC compliant 8VSB
QAM on cable	ANSI/SCTE 07 2000 (Does not include CableCARD functionality)

Channel coverage:

Terrestrial (analog)	2-69
Cable TV (analog)	1-125
Terrestrial (digital)	2-69
Cable TV (digital)	1-135

Antenna:
75-ohm external terminal for VHF/UHF

Screen size (measured diagonally):
KDS-50A2000: 50 inches
KDS-55A2000: 55 inches
KDS-60A2000: 60 inches

Projection system
3 SXRD panel, 1 lens projection system

SXRD panel
0.61 inch SXRD panel 6,220,800 pixels (2,073,600 × 3)

Projection lens
High performance, large diameter hybrid lens F2.5

Lamp
Ultra High Pressure Lamp, 120W, XL-5200

VIDEO IN 1/2/3:
$Y P_B P_R$ (Component Video) (VIDEO 2 only):
Y: 1.0 Vp-p, 75 ohms unbalanced, sync negative
P_B: 0.7 Vp-p, 75 ohms
P_R: 0.7 Vp-p, 75 ohms
Signal format: 480i, 480p, 720p, 1080i
S VIDEO (4-pin mini DIN) (VIDEO 1 only):
Y: 1.0 Vp-p, 75 ohms unbalanced, sync negative
C: 0.286 Vp-p (Burst signal), 75 ohms
VIDEO: 1 Vp-p, 75 ohms unbalanced, sync negative
AUDIO: 500 mVrms (100% modulation)
Impedance: 47 kilohms

HD/DVD IN 4/5:
$Y P_B P_R$ (Component Video):
Y: 1.0 Vp-p, 75 ohms unbalanced, sync negative
P_B: 0.7 Vp-p, 75 ohms
P_R: 0.7 Vp-p, 75 ohms
Signal format: 480i, 480p, 720p, 1080i
AUDIO: 500 mVrms (100% modulation)
Impedance: 47 kilohms

HDMI IN 6/7:
HDMI: Video: 480i, 480p, 720p, 1080i, 1080p
Audio: Two channel linear PCM 32, 44.1 and 48 kHz, 16, 20 and 24 bits
AUDIO (for HDMI IN 7):
500 mVrms (100% modulation)
Impedance: 47 kilohms

AUDIO OUT:
500 mVrms (100% modulation)
More than 1 Vrms at the maximum volume setting (Variable)
500 mVrms (Fixed)

DIGITAL OUT (OPTICAL):
Optical Digital Audio Output (PCM/Dolby digital)

PC IN 8:
D-sub 15-pin, analog RGB, 0.7 Vp-p, 75 ohms, positive
See the PC Input Signal Reference Chart on page 60

PC AUDIO INPUT:
Stereo mini jack, 0.5 Vrms, 47 kilohms

Speaker:
Full range: 70 × 130 mm ($2^7/_8 \times 5^1/_8$ inches) (2)

Speaker output:
12 W + 12 W

Power requirement:
120 V AC, 60 Hz

Power consumption:
In use: 210 W
In standby: Less than 0.5 W

Dimensions (W/H/D):
KDS-50A2000: 1180 × 839 × 447 mm ($46\ ^1/_2 \times 33\ ^1/_8 \times 17\ ^5/_8$ inches)
KDS-55A2000: 1292 × 913 × 480 mm ($50\ ^7/_8 \times 36 \times 19$ inches)
KDS-60A2000: 1413 × 988× 514 mm ($55\ ^3/_4 \times 39 \times 20\ ^1/_4$ inches)

Mass:
KDS-50A2000: 34 kg (75 lb.)
KDS-55A2000: 38 kg (83 lb. 13 oz.)
KDS-60A2000: 43 kg (94 lb. 13 oz.)

Supplied accessories:
Remote control RM-YD010 (1)
Size AA batteries (2)
Operating Instructions (1)
Quick Setup Guide (1)
Warranty Card (1)
Product Registration Card (1)

Optional accessories:
TV Stand: SU-RS11M(KDS-50A2000)
SU-RS11X(KDS-55A2000/KDS-60A2000)
Lamp: XL-5200

✍ The availability of optional accessories depends on its stock.

Design and specifications are subject to change without notice.

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